Electrical Accessories

Industrial plug and socket



Page H01
YHT



Page H14
YHT-N

Connecting terminals



Page H22
DTL-2



Page H22
DT



Page H24
SC(JGK)



Page H24
GTL



Page H25
GT



Page H25
GTY

Insulated Ring terminals



Page H26
RV,RVS,RVM,RVL

Non-Insulated Ring Terminals



Page H27
RNB,RNBS,RNBM,RNBL

Insulated Spade Terminals



Page H29
SV,SVL,SVS,SVM

Non-Insulated Spade Terminals



Page H30
SNB,SNBS,SNBL,SNBM

Insulated Female/ Male Connectors



Page H31
FDD,MDD

Insulated Receptacle/ Butt Disconnectors



Page H32
FRD,MPD

Insulated Butt Connectors & Insulated Butt Connectors



Page H33
BV,PVT,BNYF

Fully Vinyl-Insulated Disconnectors & Insulated Piggyback Disconnectors



Page H34
FDFD,FBDD

Electrical Accessories

Insulated/Non-Insulated Pin Terminals



Page H35

PTV,PTN

Insulated Blade Terminals & Insulated Lipped Blade Terminals



Page H36

DBV

Insulated Cord End Terminals



Page H37

E0506~E50-25

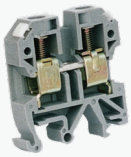
Non-Insulated Cord End Terminals & Non-Insulated Twin Cord End Terminals



Page H38

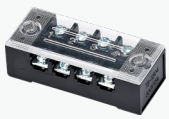
EN0506~EN50-20,TE0508~TE16-14

Terminal Connector



Page H39

JXB,EK,UK,USLKG



Page H40

TB,TC

Cooling Fan



Page H41

Cooling Fan

Universal Filter group



Page H47

Universal Filter Group

PG Nylon Cable Gland



Page H50

PG

Electrical plastic parts



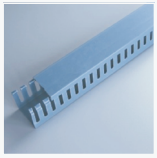
Page H51

Self-Locking Nylon Cable Ties



Page H52

Terminal Blocks



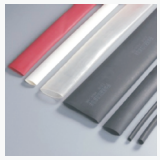
Page H53

Insulating Distributing Slot



Page H54

Flame-retardant Heat Shrinkable Bushing



Page H55

Double-wall Heat Shrinkable Bushing



Page H56

Yellow & Green Heat Shrinkable Bushing



Page H57

Spiral Wrapping Band



Page H57

Cable Marker

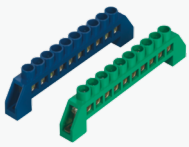


Page H58

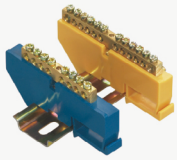
Tie Mounts

Electrical Accessories

Terminal Block



Page H59
HC-001



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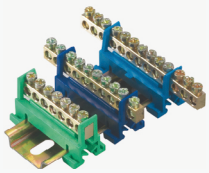
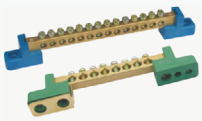
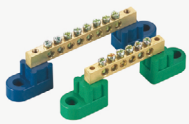
HC-002



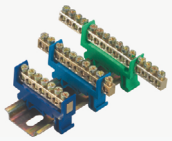
Page H60
HC-003



Page H60
HC-004



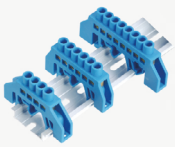
Page H61
HC-005



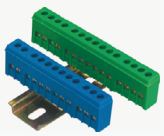
Page H61
HC-006



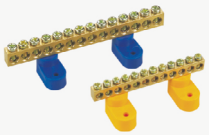
Page H62
HC-007



Page H62
HC-008



Page H63
HC-009



Page H63
HC-010



Page H64
HC-012
Terminal Block



Page H64
HC-013
Terminal Block



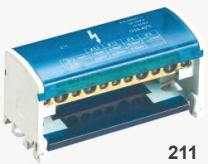
Page H65
HC-014
Terminal Block

HC-016

Page H65
HC-016



207



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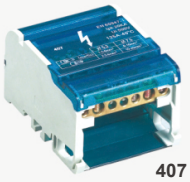

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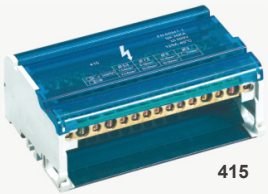

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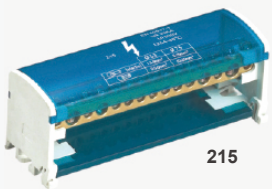

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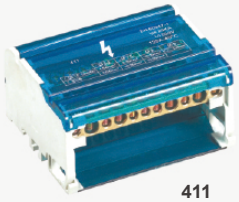

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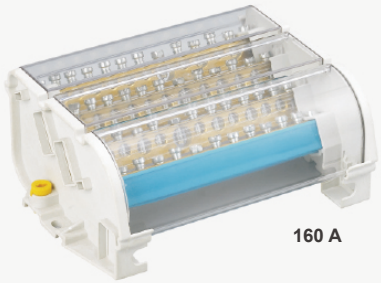


160 A

Electrical Accessories

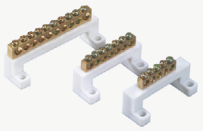
Terminal Block



Page H66
HC-017



Page H66
HC-018



Page H67
HC-022



Page H67
HC-023



Page H67
HC-024



Page H68
HC-025



Page H68
HC-026
Terminal Block

UKK

Page H69
UKK



UKK-80



UKK-125



UKK-160



UKK-250

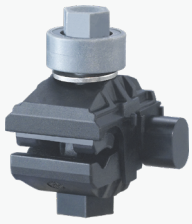


UKK-400



UKK-500

Insulation Piercing Connector



Page H70
Insulation Piercing Connector

Rechargeable DIN Rail Cutting Machine



Page H80
YCHM-1.2

YHT Industrial Plug and Socket



General

Industrial plugs and sockets are connectors specially designed for industrial environments, capable of safely and reliably operating under high current, high voltage, and harsh environmental conditions. They have a higher protection level, enabling them to withstand dust, moisture, and other environmental influences.

Standard: IEC309-1/309-2.

Type designation

Industrial Plugs & Sockets		Product Type	Current Rating	Numbers of Poles	Ingress Protection (IP) Rating
YHT	-	0	1	3	2
Industrial Plugs & Sockets		0: Industrial Plug 1: Industrial Surface-Mounted Socket 2: Industrial Connector 3: Industrial Socket 4: Industrial Angled Socket 5: Surface-Mounted Plug 6: Flush-Mounted Plug	1:16 A 2:32 A 3:63 A 4:125 A	3: 2P + Earth 4: 3P + Earth 5: 3P + Earth + N (Neutral)	None: IP44 2: IP67

Operating Conditions

1. Ambient Temperature: -25 °C to +40 °C
2. Relative humidity: ≤20% at 40 °C; ≤90% at 20 °C
3. Altitude: ≤2000m
4. Environmental conditions: no harmful gases and vapors, no conductive or explosive dust, no severe mechanical vibration

Overall and mounting dimensions(mm)

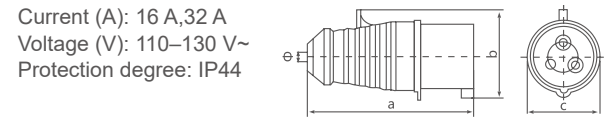
Rated Current	16 A,32 A,63 A,125 A
Rated Voltage	AC240 V,AC415 V
Frequency	50/60 Hz
Poles (P: Phase Wire; E: Earth Wire/ Ground Wire; N: Neutral Wire)	2P+E(3),3P+E(4),3P+N+E(5)
Rated Insulation Voltage (V)	690 V
Ingress Protection (IP) Rating	IP44,IP67
Wire Connection Capacity	16 A: (1-4)mm²; 32 A: (2.5-10)mm²;63 A: (6-25)mm²

YHT Industrial Plug and Socket



YHT-013-4
YHT-023-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44



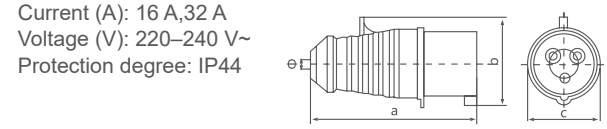

2P+E

Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	122	141
	b	57	77
	c	50	64
	Φ	6	8
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-013
YHT-023

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44



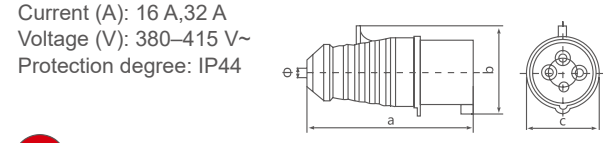

2P+E

Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	122	141
	b	57	77
	c	50	64
	Φ	6	8
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-014
YHT-024

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44



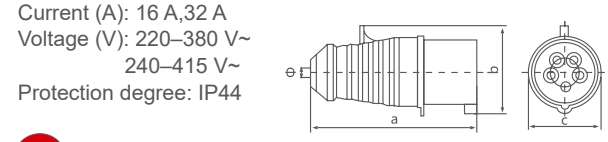

3P+E

Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	122	141
	b	57	77
	c	50	64
	Φ	6	8
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-015
YHT-025

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44



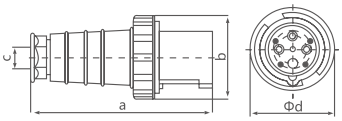

3P+N+E

Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	130	141
	b	75	87
	c	64	70
	Φ	8	8
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-033
YHT-043

Current (A): 63 A,125 A
Voltage (V): 220–240 V~
Protection degree: IP67



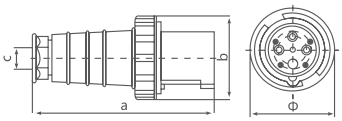

2P+E

Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	231.5	295
	b	110	123
	c	16-38	30-64
	Φ	110	123
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-034
YHT-044

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
Protection degree: IP67




3P+E

Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	231.5	295
	b	110	123
	c	16-38	30-64
	Φ	110	123
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

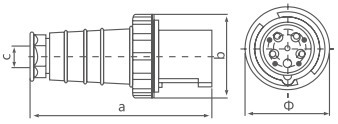
YHT Industrial Plug and Socket



YHT-035
YHT-045

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP67

3P+N+E



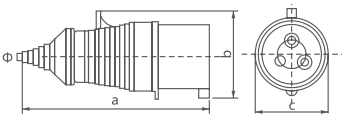
Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	231.5	295
	b	110	123
	c	16-38	30-64
	Φ	110	123
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-013L-4
YHT-023L-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44

2P+E



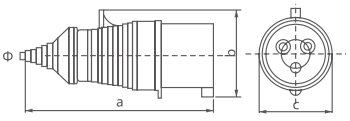
Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	142	171
	b	57	77
	c	50	64
	Φ	7-16	7-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-013L
YHT-023L

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



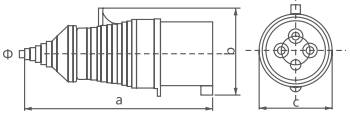
Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	142	171
	b	57	77
	c	50	64
	Φ	7-16	7-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-014L
YHT-024L

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+N



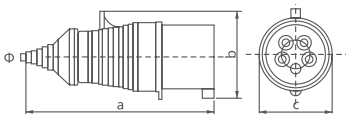
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	142	171
	b	57	77
	c	50	64
	Φ	7-16	7-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-015L
YHT-025L

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	161	174
	b	75	87
	c	64	70
	Φ	7-20	7-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6

H

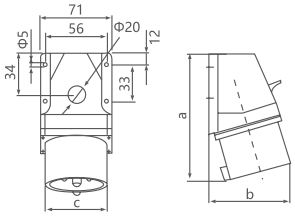
YHT Industrial Plug and Socket



YHT-513
YHT-523

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



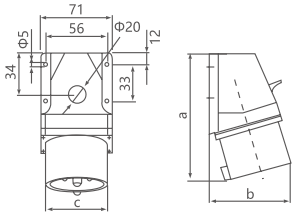
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	125	139
	b	70	81
	c	43	58
	Φ	3-18	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-514
YHT-524

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+E



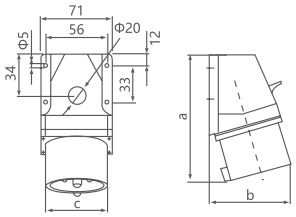
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	130	139
	b	72	81
	c	49.5	58
	Φ	3-13	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-515
YHT-525

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



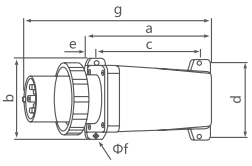
Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	130	143
	b	77	83
	c	55.5	63
	Φ	3-18	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-533
YHT-543

Current (A): 63 A,125 A
Voltage (V): 220–240 V~
Protection degree: IP67

2P+E



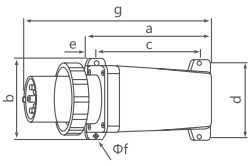
Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	193	220
	b	122	140
	c	157	185
	d	109	130
	e	19	17
	f	6	8
	g	288	330
	h	127	140
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-534
YHT-544

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
Protection degree: IP67

3P+E



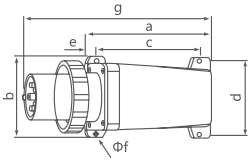
Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	193	220
	b	122	140
	c	157	185
	d	109	130
	e	19	17
	f	6	8
	g	288	330
	h	127	140
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-535
YHT-545

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP67

3P+N+E



Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	193	220
	b	122	140
	c	157	185
	d	109	130
	e	19	17
	f	6	8
	g	288	330
	h	127	140
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

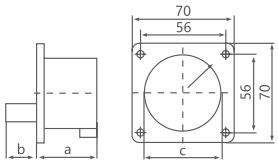
YHT Industrial Plug and Socket



YHT-613
YHT-623

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



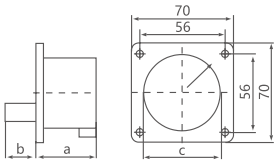
Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	42	50
	b	25	32
	c	45	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-614
YHT-624

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+E



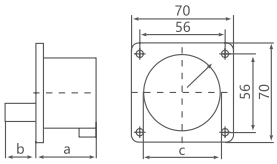
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	44	50
	b	23	32
	c	45	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-615
YHT-625

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



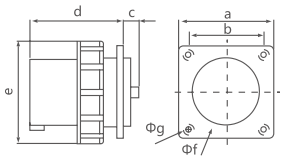
Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	44	50
	b	22	31
	c	55	61
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-633
YHT-643

Current (A): 63 A,125 A
Voltage (V): 220–240 V~
Protection degree: IP67

2P+E



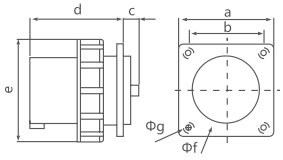
Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	100	120
	b	80	100
	c	20	22
	d	108	102
	e	109	124
	f	75	100
	g	6.5	6.5
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-634
YHT-644

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
Protection degree: IP67

3P+N



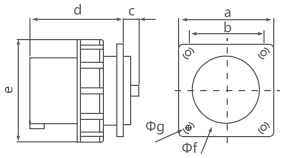
Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	100	120
	b	80	100
	c	20	22
	d	108	102
	e	109	124
	f	75	100
	g	6.5	6.5
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-635
YHT-645

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP67

3P+N+E



Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	100	120
	b	80	100
	c	20	22
	d	108	102
	e	109	124
	f	75	100
	g	6.5	6.5
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

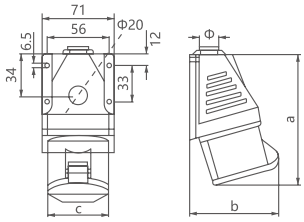
YHT Industrial Plug and Socket



YHT-113-4
YHT-123-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44

2P+E



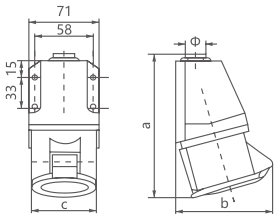
Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	135	153
	b	92	102
	c	50	65
	Φ	3-18	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-113
YHT-123

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



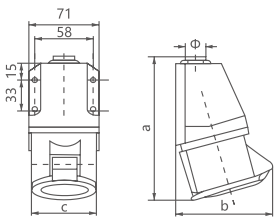
Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	135	153
	b	92	102
	c	50	65
	Φ	3-18	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-114
YHT-124

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+E



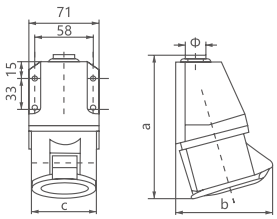
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	140	152
	b	95	104
	c	56	65
	Φ	3-18	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-115
YHT-125

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



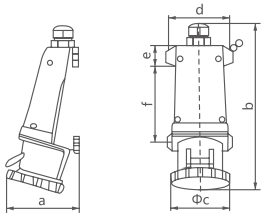
Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	139	153
	b	96	107
	c	63	70
	Φ	3-18	3-18
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-133
YHT-143

Current (A): 63 A,125 A
Voltage (V): 220–240 V~
Protection degree: IP67

2P+E



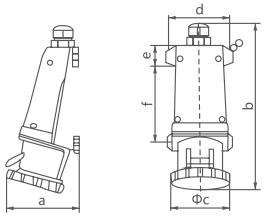
Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	134	154
	b	311	338
	c	108	122
	d	111	130
	e	20	20
	f	155	187
	g	6	6.2
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-134
YHT-144

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
Protection degree: IP67

3P+E



Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	134	154
	b	311	338
	c	108	122
	d	111	130
	e	20	20
	f	155	187
	g	6	6.2
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

YHT Industrial Plug and Socket



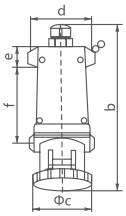
YHT-135
YHT-145

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP67



3P+N+E





Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	134	154
	b	311	338
	c	108	122
	d	111	130
	e	20	20
	f	155	187
	g	6	6.2
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

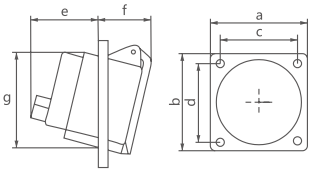
YHT Industrial Plug and Socket



YHT-413-4
YHT-423-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44


2P+E



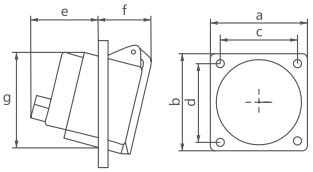
Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	62	80
	b	68	96
	c	47	60
	d	48	70
	e	36	42
	f	37	43
	g	55	75
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-413
YHT-423

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44


2P+E



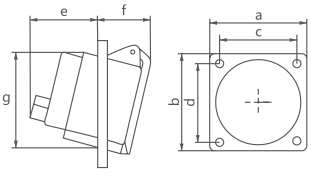
Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	62	80
	b	68	96
	c	47	60
	d	48	70
	e	36	42
	f	37	43
	g	55	75
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-414
YHT-424

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44


3P+E



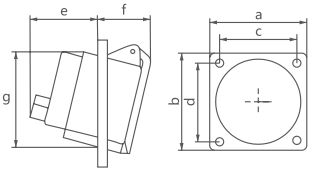
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	76	80
	b	86	96
	c	60	60
	d	61	70
	e	47	42
	f	37	43
	g	64	75
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-415
YHT-425

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44


3P+N+E



Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	76	82
	b	86	97
	c	60	60
	d	61	70
	e	47	42
	f	37	47
	g	72	81
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6

H

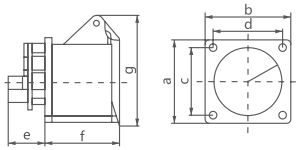
YHT Industrial Plug and Socket



YHT-313-4
YHT-323-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44

2P+E



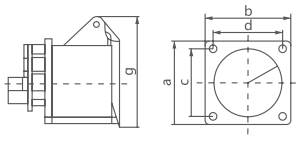
Earth contact position	4h	
Rated Current (A)	16	32
Pole	3	
Dimension(mm) a	69.5	71
b	69.5	71
c	56	56
d	56	56
e	28	28
f	48	63
g	70	88
i	52	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-313
YHT-323

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



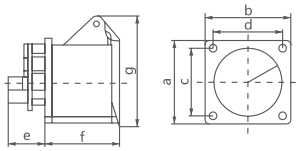
Earth contact position	6h	
Rated Current (A)	16	32
Pole	3	
Dimension(mm) a	69.5	71
b	69.5	71
c	56	56
d	56	56
e	28	28
f	48	63
g	70	88
i	52	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-314
YHT-324

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+E



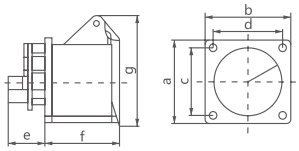
Earth contact position	6h	
Rated Current (A)	16	32
Pole	4	
Dimension(mm) a	70	71
b	70	71
c	56	56
d	56	56
e	28	28
f	51	63
g	80	88
i	56	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-315
YHT-325

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



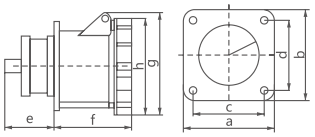
Earth contact position	6h	
Rated Current (A)	16	32
Pole	5	
Dimension(mm) a	70	71
b	70	71
c	56	56
d	56	56
e	28	28
f	51	63
g	80	88
i	56	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-333
YHT-343

Current (A): 63 A,125 A
Voltage (V): 220–240 V~
Protection degree: IP67

2P+E



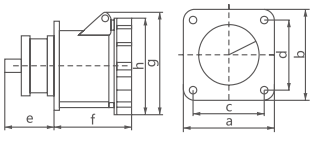
Earth contact position	6h	
Rated Current (A)	63	125
Pole	3	
Dimension(mm) a	100	120
b	100	120
c	80	101
d	80	101
e	57	65
f	86	96
g	115	130
h	109	124
i	70	88
Nominal cable cross-sectional area(mm^2)	6-16	16-50



YHT-334
YHT-344

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
Protection degree: IP67

3P+E



Earth contact position	6h	
Rated Current (A)	63	125
Pole	4	
Dimension(mm) a	100	120
b	100	120
c	80	101
d	80	101
e	57	65
f	86	96
g	115	130
h	109	124
i	70	88
Nominal cable cross-sectional area(mm^2)	6-16	16-50

H

YHT Industrial Plug and Socket

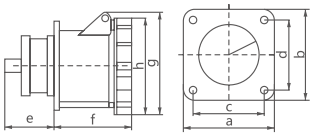


YHT-335
YHT-345

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP67



3P+N+E



Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	100	120
	b	100	120
	c	80	101
	d	80	101
	e	57	65
	f	86	96
	g	115	130
	h	109	124
	i	70	88
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

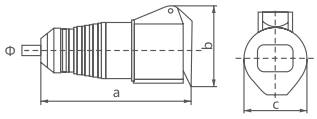
YHT Industrial Plug and Socket



YHT-213-4
YHT-223-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44

2P+E



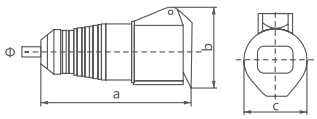
Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	131	152
	b	69	94
	c	50.5	65
	Φ	6-16	8-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-213
YHT-223

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



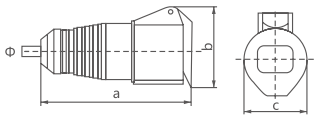
Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	131	152
	b	69	94
	c	50.5	65
	Φ	6-16	8-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-214
YHT-224

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+E



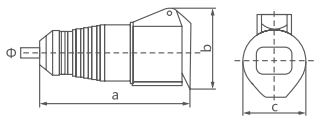
Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	131	152
	b	69	94
	c	50.5	65
	Φ	6-16	8-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



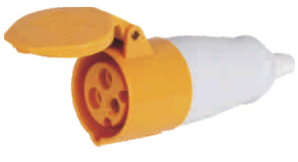
YHT-215
YHT-225

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



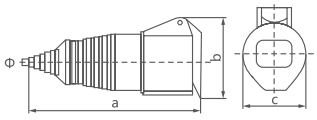
Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	141	154
	b	93	101
	c	64	71
	Φ	8-20	8-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-213L-4
YHT-223L-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP44

2P+E



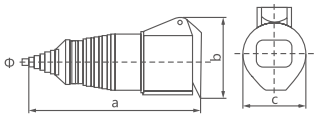
Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	150	182
	b	69	94
	c	50.5	65
	Φ	7-16	7-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-213L
YHT-223L

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

2P+E



Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	150	182
	b	69	94
	c	50.5	65
	Φ	7-16	7-20
Nominal cable cross-sectional area(mm^2)		6-16	16-50

H

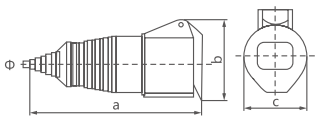
YHT Industrial Plug and Socket



YHT-214L
YHT-224L

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
Protection degree: IP44

3P+E



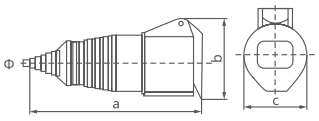
Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	150	182
	b	69	94
	c	50.5	65
	Φ	7-16	7-20
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-215L
YHT-225L

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

3P+N+E



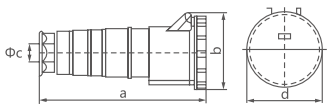
Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	171	185
	b	93	101
	c	64	71
	Φ	7-20	7-20
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-233
YHT-243

Current (A): 63 A,125 A
Voltage (V): 220–240 V~
Protection degree: IP67

2P+E



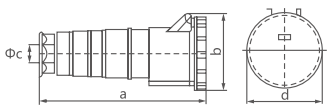
Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	240	309
	b	115	129
	c	16-38	30-64
	Φ	108	123
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-234
YHT-244

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
Protection degree: IP67

3P+E



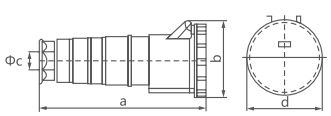
Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	240	309
	b	115	129
	c	16-38	30-64
	Φ	108	123
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-235
YHT-245

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP67

3P+N+E



Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	240	309
	b	115	129
	c	16-38	30-64
	Φ	108	123
Nominal cable cross-sectional area(mm^2)		6-16	16-50

YHT Industrial Plug and Socket



YHT-1012-4

Input:
1 plug 16 A 110 V
Output:
sockets 16 A 110 V
Protection degree:
IP44

2P+E



YHT-1013-4

Input:
1 plug 16 A 110 V
Output:
3 sockets 16 A 110 V
Protection degree:
IP44

2P+E



YHT-1012
YHT-1022

Input:
1 plug 16 A~32 A 220 V
Output: 2 sockets
16 A~32 A 220 V
Protection degree: IP44

2P+E



YHT-1013
YHT-1023

Input:
1 plug 16 A~32 A 220 V
Output: 3 sockets
16 A~32 A 220 V
Protection degree: IP44

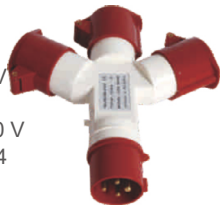
2P+E



YHT-1014/2
YHT-1024/2

Input: 1 plug
16 A~32 A 380 V
Output: 2 sockets
16 A~32 A 380 V
Protection degree: IP44

3P+E



YHT-1014
YHT-1024

Input: 1 plug
16 A~32 A 380 V
Output: 3 sockets
16 A~32 A 380 V
Protection degree: IP44

3P+E

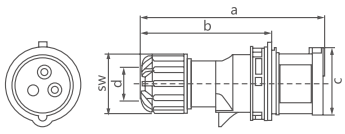
H

YHT-N Mounted Plug and Socket



YHT-N013-4
YHT-N023-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP44

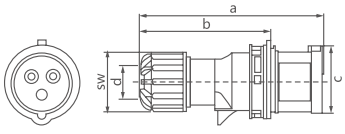


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	118	146
	b	82	100
	c	47	63
	d	6-15	10-20
	sw	38	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-013
YHT-023

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP44

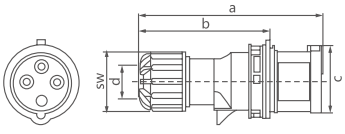


Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	118	146
	b	82	100
	c	47	63
	d	6-15	10-20
	sw	38	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-014
YHT-024

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
Protection degree: IP44

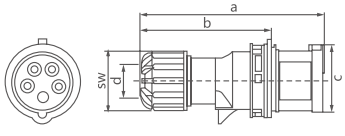


Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	124	146
	b	88	100
	c	53	63
	d	6-15	10-20
	sw	38	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-015
YHT-025

Current (A): 16 A,32 A
Voltage (V):220–380 V~
240–415 V~
Protection degree: IP44

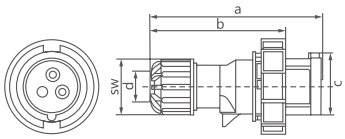


Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	131	152
	b	95	106
	c	61	70
	d	8-16	10-20
	sw	42	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-013-4
YHT-023-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
Protection degree: IP67

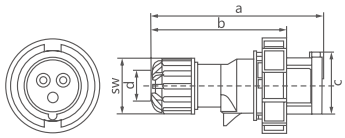


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	118	146
	b	82	100
	c	47	63
	d	6-15	10-20
	sw	38	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-013L
YHT-023L

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
Protection degree: IP67



Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	118	146
	b	82	100
	c	6-15	10-20
	sw	38	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6

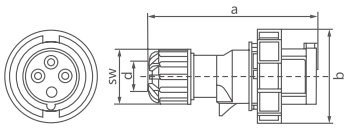
H

YHT-N Mounted Plug and Socket



YHT-N0142
YHT-N0242

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67

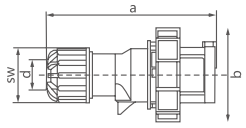


Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	124	146
	b	79	93
	c	6-15	10-20
	sw	38	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N0152
YHT-N0252

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67

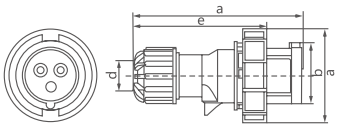


Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	131	152
	b	87	100
	c	8-16	10-20
	sw	42	50
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N0332
YHT-N0432

Current (A): 63 A,125 A
Voltage (V): 220–250 V~
2P+E
Protection degree: IP67

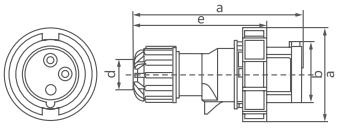


Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	133	286
	b	75.5	219
	c	36.5	57
	d	240	286
	e	188	229
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-N0342
YHT-N0442

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67

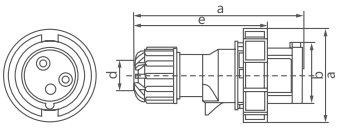


Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	133	286
	b	75.5	219
	c	36.5	57
	d	240	286
	e	188	229
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-N0352
YHT-N0452

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67



Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	133	286
	b	75.5	219
	c	36.5	57
	d	240	286
	e	188	229
Nominal cable cross-sectional area(mm^2)		6-16	16-50

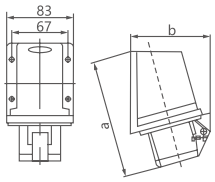
H

YHT-N Mounted Plug and Socket



YHT-N113-4
YHT-N123-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP55

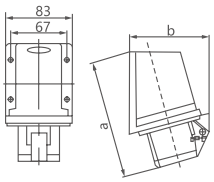


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	137	153
	b	84	101
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N113
YHT-N123

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
2P+E
Protection degree: IP55

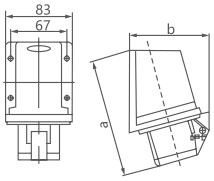


Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	137	153
	b	84	101
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N114
YHT-N124

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP55

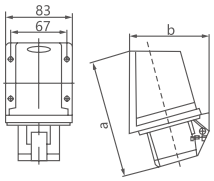


Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	139	153
	b	95	101
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N115
YHT-N125

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP55

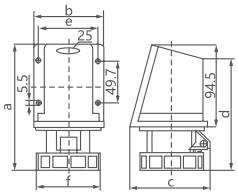


Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	139	154
	b	95	104
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N1132-4
YHT-N1232-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP67

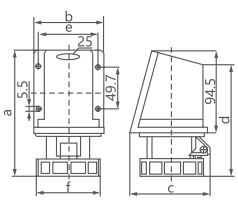


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	144	154
	b	80	80
	c	92.2	98.7
	d	129	133
	e	67.7	67.7
	f	71.5	93
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N1132
YHT-N1232

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
2P+E
Protection degree: IP67



Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	144	154
	b	80	80
	c	92.2	98.7
	d	129	133
	e	67.7	67.7
	f	71.5	93
Nominal cable cross-sectional area(mm^2)		1-2.5	4-6

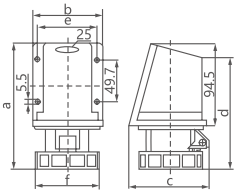
H

YHT-N Mounted Plug and Socket



YHT-N1142
YHT-N1242

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67



Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	144	154
	b	80	80
	c	94.2	98.7
	d	129	138
	e	67.7	67.7
	f	79	93
Nominal cable cross-sectional area(mm^2)		1-2.5	4-6

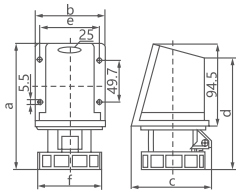
H

YHT-N Mounted Plug and Socket



YHT-N1152
YHT-N1252

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67

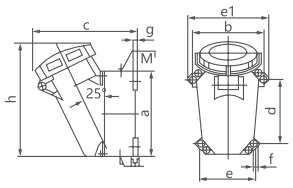


Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	144	160
	b	80	80
	c	95.3	106.7
	d	129	144
	e	67.7	67.7
	f	87.5	101
Nominal cable cross-sectional area(mm^2)		1-2.5	4-6



YHT-N1332
YHT-N1432

Current (A): 63 A,125 A
Voltage (V): 220–250 V~
2P+E
Protection degree: IP67

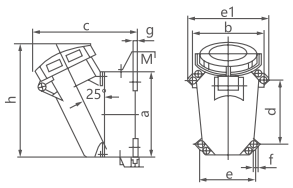


Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	171.3	262
	b	157	160
	c	169	202
	d	133.3	240
	e	108	140
	e1	136	140
	f	6	8.1
	g	5	8
	h	216	286
	m	40	50
	m*	M40	2×402×40
Nominal cable cross-sectional area(mm^2)		6-25	16-50



YHT-N1342
YHT-N1442

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67

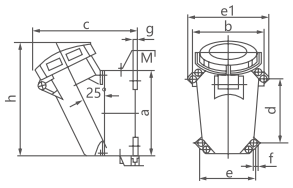


Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	171.3	262
	b	157	160
	c	169	202
	d	133.3	240
	e	108	140
	e1	136	140
	f	6	8.1
	g	5	8
	h	216	286
	m	40	50
	m*	M40	2×402×40
Nominal cable cross-sectional area(mm^2)		6-25	16-50



YHT-N1352
YHT-N1452

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67

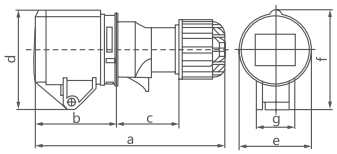


Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	171.3	262
	b	157	160
	c	169	202
	d	133.3	240
	e	108	140
	e1	136	140
	f	6	8.1
	g	5	8
	h	216	286
	m	40	50
	m*	M40	2×402×40
Nominal cable cross-sectional area(mm^2)		6-25	16-50



YHT-N213-4
YHT-N223-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP55

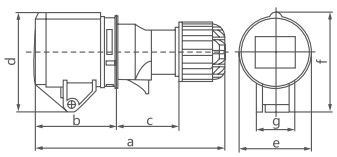


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	136	171
	b	61	75
	c	42.2	59
	d	72	88.6
	e	52.2	67.4
	f	72	88.6
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N213
YHT-N223

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
2P+E
Protection degree: IP55



Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	136	171
	b	61	75
	c	42.2	59
	d	72	88.6
	e	52.2	67.4
	f	72	88.6
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6

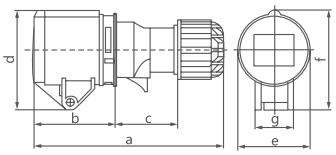
H

YHT-N Mounted Plug and Socket



YHT-N214
YHT-N224

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP55

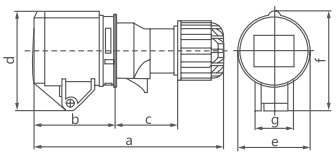


Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	142.5	171
	b	62	75
	c	47.5	59
	d	77	88.6
	e	58.6	67.4
	f	77	88.6
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N215
YHT-N225

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP55

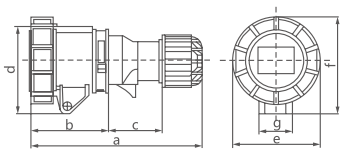


Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	150	176
	b	62	75
	c	55	64
	d	82.5	100.2
	e	65.3	73.5
	f	82.5	100.2
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N2132-4
YHT-N2232-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP67

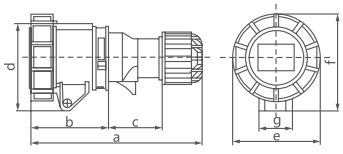


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	139	172.8
	b	63.5	76.8
	c	42.2	59
	d	71.5	87.5
	e	71.5	93
	f	79.2	96.5
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N2132
YHT-N2232

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
2P+E
Protection degree: IP67

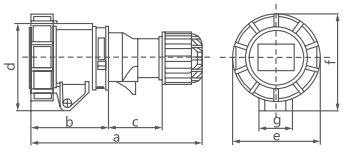


Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	139	172.8
	b	63.5	76.8
	c	42.2	59
	d	71.5	87.5
	e	71.5	93
	f	79.2	96.5
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N2142
YHT-N2242

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67

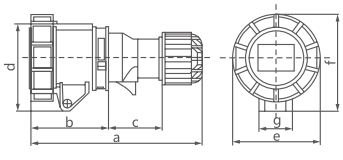


Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	145	172.8
	b	64.5	76.8
	c	47.5	59
	d	77	87.5
	e	79	93
	f	85	96.5
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N2152
YHT-N2252

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67



Earth contact position		6h	
Rated Current (A)		16	32
Pole		5	
Dimension(mm)	a	152	178.5
	b	64.5	77.5
	c	55	64
	d	84	99
	e	87.5	101
	f	91	108.5
	g	27.2	34.5
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6

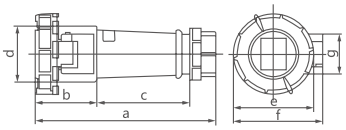
H

YHT-N Mounted Plug and Socket



YHT-N2332
YHT-N2432

Current (A): 63 A,125 A
Voltage (V): 220–250 V~
2P+E
Protection degree: IP67

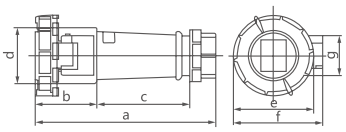


Earth contact position		6h	
Rated Current (A)		63	125
Pole		3	
Dimension(mm)	a	260	300
	b	104	140
	c	95.8	100
	d	77.4	89.5
	e	112.5	121
	f	109	125
	g	24	34.5
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-N2342
YHT-N2442

Current (A): 63 A,125 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67

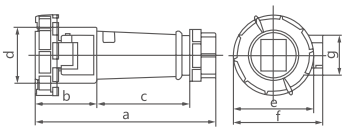


Earth contact position		6h	
Rated Current (A)		63	125
Pole		4	
Dimension(mm)	a	260	300
	b	104	140
	c	95.8	100
	d	77.4	89.5
	e	112.5	121
	f	109	125
	g	24	34.5
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-N2352
YHT-N2452

Current (A): 63 A,125 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67

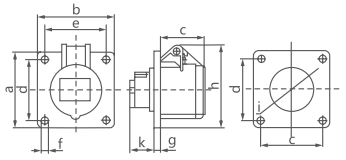


Earth contact position		6h	
Rated Current (A)		63	125
Pole		5	
Dimension(mm)	a	260	300
	b	104	140
	c	95.8	100
	d	77.4	89.5
	e	112.5	121
	f	109	125
	g	24	34.5
Nominal cable cross-sectional area(mm^2)		6-16	16-50



YHT-N313-4
YHT-N323-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP55

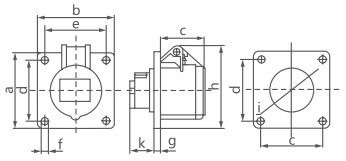


Earth contact position		4h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	75	75
	b	75	75
	c	43.2	62.2
	d	60	60
	e	60	60
	f	5.5	5.5
	g	6	6
	h	81	88.6
	k	23	25
	i	42	56
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N313
YHT-N323

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
2P+E
Protection degree: IP55

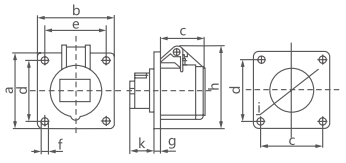


Earth contact position		6h	
Rated Current (A)		16	32
Pole		3	
Dimension(mm)	a	75	75
	b	75	75
	c	43.2	62.2
	d	60	60
	e	60	60
	f	5.5	5.5
	g	6	6
	h	81	88.6
	k	23	25
	i	42	56
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6



YHT-N314
YHT-N324

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP55



Earth contact position		6h	
Rated Current (A)		16	32
Pole		4	
Dimension(mm)	a	75	75
	b	75	75
	c	45.2	62.2
	d	60	60
	e	60	60
	f	5.5	5.5
	g	6	6
	h	83	88.6
	k	23	25
	i	48	56
Nominal cable cross-sectional area(mm^2)		1-2.5	2.5-6

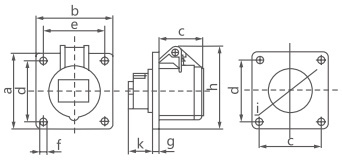
H

YHT-N Mounted Plug and Socket



YHT-N315
YHT-N325

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP55

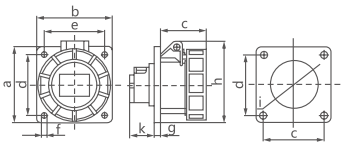


Earth contact position	6h	
Rated Current (A)	16	32
Pole	4	
Dimension(mm) a	75	75
b	75	75
c	51.2	67
d	60	60
e	60	60
f	5.5	5.5
g	6	6
h	83	100.2
k	23	25
i	55	61.5
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-N3132-4
YHT-N3232-4

Current (A): 16 A,32 A
Voltage (V): 110–130 V~
2P+E
Protection degree: IP67

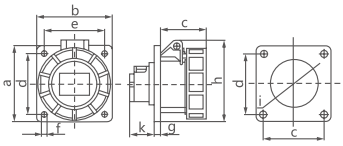


Earth contact position	6h	
Rated Current (A)	16	32
Pole	3	
Dimension(mm) a	75	75
b	75	75
c	46.1	57.7
d	60	60
e	60	60
f	5.5	5.5
g	6	6
h	83	96.5
k	23	25
i	55	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-N3132
YHT-N3232

Current (A): 16 A,32 A
Voltage (V): 220–240 V~
2P+E
Protection degree: IP67

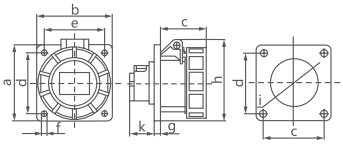


Earth contact position	6h	
Rated Current (A)	16	32
Pole	3	
Dimension(mm) a	75	75
b	75	75
c	46.1	57.7
d	60	60
e	60	60
f	5.5	5.5
g	6	6
h	81	96.5
k	23	25
i	42	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-N3142
YHT-N3242

Current (A): 16 A,32 A
Voltage (V): 380–415 V~
3P+E
Protection degree: IP67

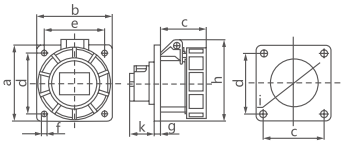


Earth contact position	6h	
Rated Current (A)	16	32
Pole	4	
Dimension(mm) a	75	75
b	75	75
c	47.7	57.7
d	60	60
e	60	60
f	5.5	5.5
g	6	6
h	85	96.5
k	23	25
i	48	56
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-N3152
YHT-N3252

Current (A): 16 A,32 A
Voltage (V): 220–380 V~
240–415 V~
3P+N+E
Protection degree: IP67

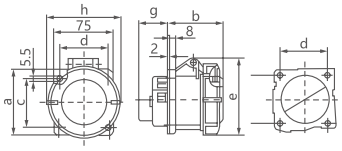


Earth contact position	6h	
Rated Current (A)	16	32
Pole	5	
Dimension(mm) a	75	75
b	75	75
c	47.7	63.5
d	60	60
e	60	60
f	5.5	5.5
g	6	6
h	90.3	108.5
k	23	25
i	55	61.5
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6



YHT-N3332
YHT-N3432

Current (A): 63 A,125 A
Voltage (V): 220–250 V~
2P+E
Protection degree: IP67

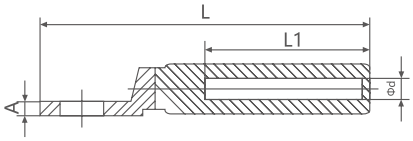


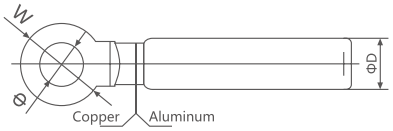
Earth contact position	6h	
Rated Current (A)	16	32
Pole	3	
Dimension(mm) a	55	75
b	51	61
c	45	60
d	45	60
e	75	96
f	19	20
g	33	41
h	44	58
Nominal cable cross-sectional area(mm^2)	1-2.5	2.5-6

H

Connecting Terminals







DTL-2 Copper-Aluminum Connecting Terminals

Model & Spec.	Dimension(mm)						
	ΦD	Φd	A	W	Φ	L1	L
DTL-2-16	16	5.7	5.0	21	10.5	42	85
DTL-2-25	16	6.9	5.0	21	10.5	42	85
DTL-2-35	16	8.0	5.0	21	12.5	44	85
DTL-2-50	20	9.0	6.0	25	12.5	44	90
DTL-2-70	20	11.0	6.0	25	13.0	44	90
DTL-2-95	20	12.5	6.0	25	13.0	44	90
DTL-2-120	25	13.7	6.0	30	13.0	60	115
DTL-2-150	25	15.5	6.5	30	13.0	60	115
DTL-2-185	32	17.0	7.0	36	14.5	60	115
DTL-2-240	32	19.5	7.0	36	14.5	60	125
DTL-2-300	34	23.5	7.0	36	14.5	93	155
DTL-2-400	40	26.0	7.0	36	16.5	93	155

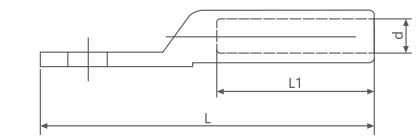
Note: DTL-2-10 D: Wiring Terminals; T: copper; L: Aluminum; 2: Round Head;10: Conductor Section.

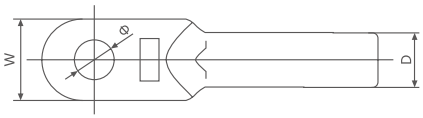


DL



DT





General

Connecting terminals are suitable for the connection of wires and cables in the distribution equipment and the electrical equipment. DL Series Aluminum Connecting Terminals are made from an aluminum bar (L3), DT Series Copper Connecting Terminals with copper bar (T2).

Type designation

D T - 25

Wiring Terminals	Copper		Current
D	T	-	25
MCCB	T: copper L: Aluminum		10: Wiring Cross-Section 10 mm² 16: Wiring Cross-Section 16 mm² 25: Wiring Cross-Section 25 mm² 35: Wiring Cross-Section 35 mm² 50: Wiring Cross-Section 50 mm² 70: Wiring Cross-Section 70 mm² 95: Wiring Cross-Section 95 mm² 120: Wiring Cross-Section 120 mm² 150: Wiring Cross-Section 150 mm² 185: Wiring Cross-Section 185 mm² 240: Wiring Cross-Section 240 mm² 300: Wiring Cross-Section 300 mm² 400: Wiring Cross-Section 400 mm² 500: Wiring Cross-Section 500 mm²

H

Connecting Terminals

DT Copper connecting terminals

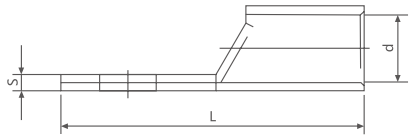
Model & Spec.	Dimension(mm)					
	Φ	D	d	L	L1	W
DT-10	8.5	9	5.2	62	26	16
DT-16	8.5	10	6.1	68	30	16
DT-25	8.5	11	7.1	70	33	18
DT-35	10.5	12	8.5	80	36	20.5
DT-50	10.5	14	9.8	86	38	23
DT-70	12.5	16	11.5	95	43	26
DT-95	12.5	18	13.5	104	46	28
DT-120	14.5	20	15	112	49	30
DT-150	14.5	22	17	120	51	34
DT-185	16.5	25	18.6	126	55	37
DT-240	16.5	27	21.5	137	60	40
DT-300	21	31	24	158	68	50
DT-400	21	34	27	175	78	50
DT-500	21	38	30	186	82	60

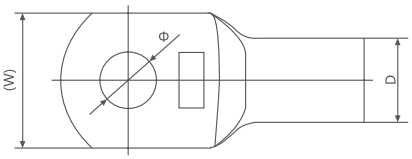
DL Aluminum Connecting Terminal

Model & Spec.	Dimension(mm)					
	Φ	D	d	L	L1	W
DL-16	8.5	10	6.2	70	32	16
DL-25	8.5	12	7	75	34	17
DL-35	10.5	14	8.5	85	40	20.5
DL-50	10.5	16	9.5	90	42	23
DL-70	12.5	18	11.5	102	47	26
DL-95	12.5	21	13.5	112	50	28
DL-120	14.5	23	15	120	53	30
DL-150	14.5	25	16.5	126	55	33
DL-185	16.5	27	18.5	133	58	37
DL-240	16.5	30	21	140	60	40
DL-300	21	34	23	165	65	45
DL-400	21	34	26.5	170	70	50
DL-500	21	42	29.5	190	75	60

Connecting Terminals





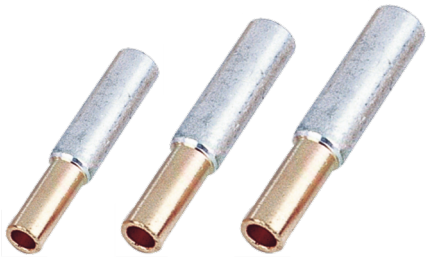


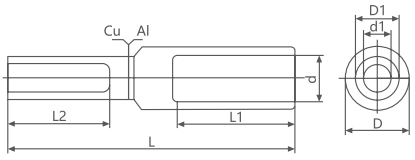
General

These products are suitable for the connection of copper conductors (cross-sectional area 1.5–1000 mm²) in power cable with electronic equipment and they are made of copper tube T2 and coated with tin. Their working temperature is -55 °C to 150 °C.

SC(JGK) Imported copper terminals

Model & Spec.	Dimension(mm)					
	Φ	D	d	L	(W)	S
SC(JGK)-1.5	4.2, 5.2	3.5	2.5	18	7	1
SC(JGK)-2.5	4.2, 5.2	4	3	19	8	1
SC(JGK)-4	5.2, 6.4	4.8	3.5	20	8	1.2
SC(JGK)-6	5.2, 6.4	5.5	4.1	23	9	1.4
SC(JGK)-10	6.4, 8.4	6.7	5	25.5	11	1.6
SC(JGK)-16	6.4, 8.4	7.5	5.8	30	12	1.8
SC(JGK)-25	6.4, 8.4, 10.5	9	7.2	32.5	13	1.8
SC(JGK)-35	6.4, 8.4, 10.5	10.5	8.5	37	15	2
SC(JGK)-50	8.4, 10.5	12.5	10.1	45	18	2.4
SC(JGK)-70	10.5, 12.5	14.5	11.7	49	21	2.8
SC(JGK)-95	10.5, 12.5	17"	13.8	54	25	3.2
SC(JGK)-120	12.5, 16.5	19.5	15.9	62	28	3.6
SC(JGK)-150	12.5, 16.5	20.5	16.7	68	30	3.8
SC(JGK)-185	16.5	23.5	19.1	76	34	4.4
SC(JGK)-240	16.5	26	21.4	90	38	4.6
SC(JGK)-300	16.5, 20.5	30	24.6	100	44	5.4
SC(JGK)-400	16.5, 20.5	34	27.4	110	50	6.6
SC(JGK)-500	16.5, 20.5	38	30.8	120	55	7.2
SC(JGK)-630	20.5	45	35.6	135	65	9.2
SC(JGK)-800	22.5	50	40.4	170	72	9.6
SC(JGK)-1000	22.5	55	45	200	80	10





General

These products are applicable to connect the circular wire and hemicycle-sector wire in distribution equipment or power supply cables. GTL series hole-passing connecting tube is made of friction welding craft, both with top quality.

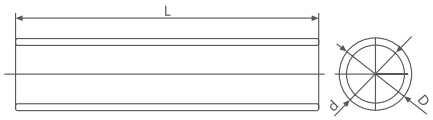
Model & Spec.	Dimension(mm)						
	D	d	D1	d1	L1	L2	L
GTL-16	11	6.1	9	5.2	30	25	70
GTL-25	12	7.1	10	6.1	33	27	75
GTL-35	14	8.5	11	7.1	40	30	85
GTL-50	16	9.8	13	8.5	42	32	95
GTL-70	18	11.5	15	9.8	46	38	105
GTL-95	21	13.5	17	11.5	50	40	110
GTL-120	23	15	19	13.5	55	42	112
GTL-150	25	17	21	15	55	44	118
GTL-185	27	18.6	23	17	58	46	125
GTL-240	30	21.5	26	18.6	60	54	130
GTL-300	34	24	28	21.5	66	56	145
GTL-400	40	7.0	30	24	70	60	155
GTL-500	45	30	34	27	75	65	165

Note: GTL-16 G: Wiring Terminals; T: copper; L: Aluminum; 16: Conductor Section.

H

Connecting Terminals





General

These products are applicable to connect the circular wire and hemicycle-sector wire in distribution equipment or power supply cables. GT series connecting tube is made of copper tube. GTL series hole-passing connecting tube is made of friction welding craft, both with top quality.

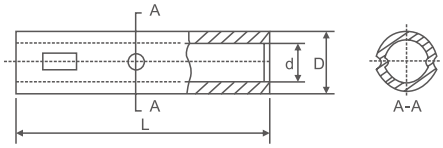
GT Copper connecting tube(Passing Through)

Model & Spec.	Dimension(mm)		
	D	d	L
GT-1-10	8	5	52
GT-1-16	9	6	56
GT-1-25	10	7	60
GT-1-35	11	8.4	65
GT-1-50	13	10	73
GT-1-70	16	12	80
GT-1-95	18	14	85
GT-1-120	19	15	93
GT-1-150	22	17	100
GT-1-185	24	19	105
GT-1-240	26	21	110
GT-1-300	31	24	120
GT-1-400	34	26	135
GT-1-500	38	30	150
GT-1-630	45	35	170
GT-1-800	50	40	225
GT-1-1000	55	45	250

Note: GT-2-1.5 G: connecting tube; T: copper; 1: oil-block type; 1.5: Conductor Section.

GTY Copper connecting tube(Passing Through)

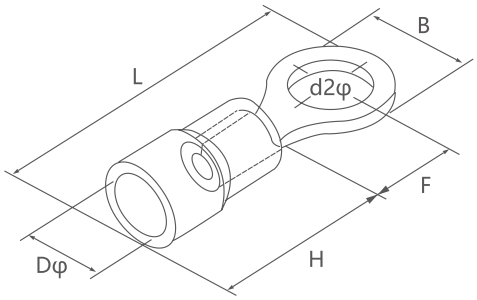




Model & Spec.	Dimension(mm)		
	D	d	L
GTY-1.5	3.7	2.5	20
GTY-2.5	4	3	20
GTY-4	4.8	3.3	20
GTY-5.5	5.5	4.3	25
GTY-10	6.8	4.8	30
GTY-16	7.5	5.5	35
GTY-25	9	7	40
GTY-35	10.5	8.2	45
GTY-50	12.5	9.8	50
GTY-70	14.5	11.5	55
GTY-95	17.5	13.5	60
GTY-120	19.5	15	65
GTY-150	21	16.5	70
GTY-185	23.5	18.5	75
GTY-240	26.5	21	80
GTY-300	30	24	85
GTY-400	34	27	90
GTY-500	38	30	100
GTY-630	45	35	110
GTY-800	50	39	150
GTY-1000	56	44	170

Insulated Ring Terminals





Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		mm	mm	mm	mm	mm	mm	
RV1.25-3	#4	3.2 mm	5.7	17.8	4.95	10.0	4.3	Red
RVS1.25-3.5	#6	3.7 mm	5.7	17.8	4.95			
RVM1.25-3.5	#6	3.7 mm	6.6	20.1	6.3			
RV1.25-5S	#10	5.3 mm	8.0	21.5	7.0			
RV1.25-5L	#10	5.3 mm	9.5	23.3	8.0			
RVS1.25-4	#8	4.3 mm	6.8	20.1	6.3			
RVL1.25-4	#8	4.3 mm	8.0	21.5	7.0			
RV1.25-5	#10	5.3 mm	8.0	21.5	7.0			
RV1.25-6	1/4	6.5 mm	11.6	27.5	11.1			
RV1.25-8	5/16	8.4 mm	11.6	27.5	11.1			
RV1.25-12	3/8	10.5 mm	13.6	31.6	13.9			

Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A

Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
RV2-3	#4	3.2 mm	6.6	17.8	4.3	10.0	4.9	Blue
RVS2-3.5	#6	3.7 mm	6.6	17.8	4.3			
RVS2-4	#8	4.3 mm	6.6	21.0	7.0			
RVL2-4	#8	4.3 mm	8.5	22.5	7.75			
RVS2-5	#10	5.3 mm	8.5	22.5	7.75			
RVL2-5	#10	5.3 mm	9.5	22.5	7.25			
RV2-6	1/4	6.5 mm	12.0	27.6	11.0			
RV2-8	5/16	8.4 mm	12.0	27.6	11.0			
RV2-10	3/8	10.5 mm	13.6	30.2	13.9			

Conductor Cross-Section: 2.5–4 mm²; American Wire Gauge: 14-12;
Maximum Current: Imax = 37 A

Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
RV3.5-4	#8	4.3 mm	8.0	24.5	7.7	12.5	6.2	Black
RV3.5-5	#10	5.3 mm	8.0	24.5	7.7			
RV3.5-6	1/4	6.5 mm	12.0	27.9	7.7			
RV3.5-8	5/16	8.4 mm	15.0	32.0	13.5			
RV3.5-10	3/8	10.5 mm	15.0	32.0	13.5			

Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 48 A

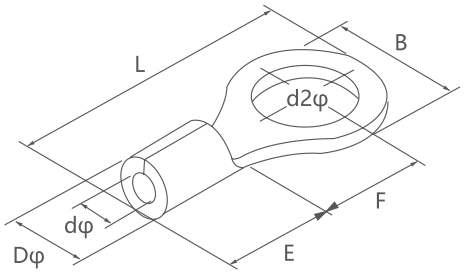
Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
RV5.5-3.5	#6	3.7 mm	7.2	21.4	5.9	12.5	6.7	Yellow
RVS5.5-4	#8	4.3 mm	7.2	21.4	5.9			
RVL5.5-4	#8	4.3 mm	9.5	25.5	8.3			
RV5.5-5	#10	5.3 mm	9.5	25.5	8.3			
RV5.5-6	1/4	6.5 mm	12.0	31.5	13.0			
RV5.5-8	5/16	8.4 mm	15.0	33.7	13.7			
RV5.5-10	3/8	10.5 mm	15.0	33.7	13.7			
RV5.5-12	1/2	13.0 mm	19.2	38.1	16.0			

Non-insulated Ring Terminals



Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNB1.25-3	#4	3.2 mm	5.7	12.6	4.95	10.0	4.3	1.7
RNBS1.25-3.5	#6	3.7 mm	5.7	12.6	4.95			
RNBM1.25-3.5	#6	3.7 mm	6.6	14.4	6.3			
RNBS1.25-4	#8	4.3 mm	6.8	14.4	6.3			
RNBL1.25-4	#8	4.3 mm	8.0	15.8	7.0			
RNB1.25-5	#10	5.3 mm	8.0	15.8	7.0			
RNB1.25-6	1/4	5.3 mm	11.6	21.8	11.1			
RNB1.25-8	5/16	8.4 mm	11.6	21.8	11.1			
RNB1.25-10	3/8	10.5 mm	13.6	25.5	13.9			



Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNB2-3	#8	3.2 mm	6.6	12.3	4.3	4.8	4.1	2.3
RNBS2-4	#8	4.3 mm	6.6	16.0	7.0			
RNBL2-4	#10	4.3 mm	8.5	16.8	7.75			
RNBS2-5	#10	5.3 mm	8.5	16.8	7.75			
RNBL2-5	1/4	5.3 mm	9.5	16.8	7.25			
RNB2-6	5/16	6.5 mm	12.0	21.8	11.0			
RNB2-8	3/8	8.4 mm	12.0	21.8	11.0			
RNB2-12	3/8	10.5 mm	13.6	25.5	13.9			

Conductor Cross-Section: 2.5–4 mm²; American Wire Gauge: 14-12;
Maximum Current: Imax = 37 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNB3.5-4	#8	4.3 mm	8.0	18.0	7.7	6.5	5.0	3.0
RNBS3.5-5	#10	5.3 mm	8.0	18.0	7.7			
RNBL3.5-5	#10	5.3 mm	12.0	12.0	7.7			
RNB3.5-6	1/4	6.5 mm	12.0	12.0	7.7			
RNB3.5-8	5/16	8.4 mm	15.0	27.0	13.5			
RNB3.5-10	3/8	10.5 mm	15.0	27.0	13.5			

Conductor Cross-Section: 2.5–4 mm²; American Wire Gauge: 14-12;
Maximum Current: Imax = 37 A

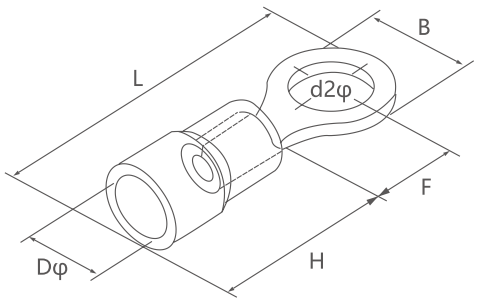
Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNBS5.5-4	#8	4.3 mm	7.2	15.7	5.9	6.8	5.6	3.4
RNBL5.5-4	#8	4.3 mm	9.5	19.8	8.3			
RNB5.5-6	1/4	6.5 mm	12.0	25.8	13.0			
RNB5.5-8	5/16	8.4 mm	15.0	28.0	13.7			
RNB5.5-10	3/8	10.5 mm	15.0	28.0	13.7			
RNB5.5-12	1/2	13.0 mm	19.2	32.4	16			

Non-insulated Ring Terminals



Conductor Cross-Section: 6–10 mm²; American Wire Gauge: 8;
Maximum Current: Imax = 62 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNB8-4	#8	4.3 mm	12.0	23.8	9.3	8.5	7.2	4.5
RNBS8-5	#10	5.3 mm	8.8	23.8	11.1			
RNBM8-5	#10	5.3 mm	12.0	23.8	9.3			
RNBL8-5	#10	5.3 mm	15.0	29.8	13.8			
RNBS8-6	1/4	6.5 mm	12.0	23.8	9.3			
RNBL8-6	1/4	6.5 mm	15.0	29.8	13.8			
RNB8-8	5/15	8.4 mm	15.0	29.8	13.8			
RNB8-10	3/8	10.5 mm	15.0	29.8	13.8			



Conductor Cross-Section: 10–16 mm²; American Wire Gauge: 6;
Maximum Current: Imax = 88 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNB14-4	#8	4.3 mm	12.0	29.8	13.3	10.5	9.0	5.8
RNB14-5	#10	5.3 mm	12.0	29.8	13.3			
RNBS14-6	1/4	6.5 mm	12.0	29.8	13.3			
RNBL14-6	1/4	6.5 mm	16.0	32.8	13.3			
RNB14-8	5/16	8.4 mm	16.0	32.8	14.5			
RNB14-10	3/8	10.5 mm	16.0	32.8	14.5			
RNB14-12	1/2	13.0 mm	22.0	41.0	19.5			

Conductor Cross-Section: 16–25 mm²; American Wire Gauge: 4;
Maximum Current: Imax = 115 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNBS22-5	#10	5.3 mm	12.2	33.2	14.5	12.0	11.5	7.7
RNBL22-5	#10	5.3 mm	16.5	33.7	13.5			
RNBS22-6	1/4	6.3 mm	12.2	33.2	14.5			
RNBL22-6	1/4	6.3 mm	16.5	33.7	13.5			
RNB22-8	5/16	8.4 mm	16.5	33.7	13.5			
RNB22-10	3/8	10.5 mm	16.5	33.7	13.5			
RNB22-11	7/16	11.5 mm	22.0	42.5	19.5			
RNB22-12	1/2	13.0 mm	22.0	42.5	19.5			

Conductor Cross-Section: 25–50 mm²; American Wire Gauge: 4;
Maximum Current: Imax = 160 A

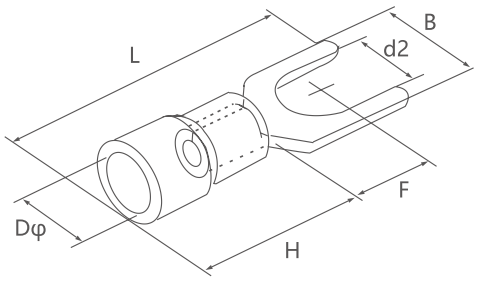
Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
RNB38-5	#10	5.3 mm	15.3	39.0	18.3	14.0	13.5	9.4
RNB38-6	1/4	6.5 mm	15.3	39.0	18.3			
RNBS38-8	5/16	8.4 mm	15.3	39.0	18.3			
RNBL38-8	5/16	8.4 mm	22.0	42.7	17.7			
RNBS38-10	3/8	10.5 mm	15.3	39.0	8.3			
RNBL38-10	3/8	10.5 mm	22.0	42.7	17.7			
RNB38-11	7/16	11.5 mm	22.0	42.7	17.7			
RNB38-12	1/2	13.0 mm	22.0	42.7	17.7			

Insulated Spade Terminals



Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A

Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
SV1.25-3	#4	3.2 mm	5.7	21.2	6.5	10.0	4.3	Red
SV1.25-3.5	#6	3.7 mm	5.7	21.2	6.5			
SVM1.25-4	#8	4.3 mm	7.2	21.2	6.5			
SVL1.25-4	#8	4.3 mm	8.1	21.2	6.5			
SVS1.25-5	#10	5.3 mm	8.1	21.2	6.5			
SVL1.25-5	#10	5.3 mm	9.5	21.2	6.5			
SVS1.25-6	1/4	6.5 mm	9.5	21.2	6.5			
SVL1.25-6	1/4	6.5 mm	12.0	27.2	11.0			



Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A

Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
SV2-3	#4	3.2 mm	5.7	21.2	6.5	10.0	4.9	Blue
SVS2-3.5	#6	3.7 mm	5.7	21.2	6.5			
SVS2-4	#8	4.3 mm	6.4	21.2	6.5			
SVM2-4	#8	4.3 mm	7.2	21.2	6.5			
SVL2-4	#8	4.3 mm	8.1	21.2	6.5			
SVS2-5	#10	5.3 mm	8.1	21.2	6.5			
SVL2-5	#10	5.3 mm	9.5	21.2	6.5			
SVS2-6	1/4	6.5 mm	9.5	21.2	6.5			
SVL2-6	1/4	6.5 mm	12.0	27.2	11.0			

Conductor Cross-Section: 2.5–4 mm²; American Wire Gauge: 14-12;
Maximum Current: Imax = 37 A

Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
SV3.5-4	#8	4.3 mm	8.0	24.8	7.0	12.5	6.2	Black
SV3.5-5	#10	5.3 mm	8.0	24.8	7.0			
SV3.5-6	1/4	6.5 mm	12.0	28.0	12.1			

Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 48 A

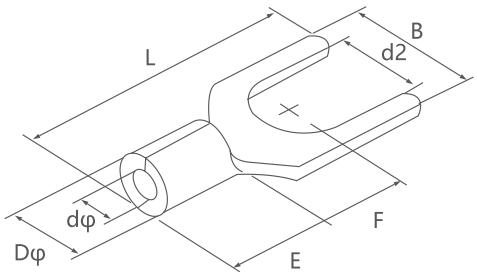
Model	US-Made bolt number	Size						Color
		Bolt hole diameter	B	L	F	H	DΦ	
		d2	mm	mm	mm	mm	mm	
SV5.5-3	#6	3.7 mm	8.3	25.2	7.5	12.5	6.7	Yellow
SVS5.5-4	#8	4.3 mm	8.3	25.2	7.5			
SVL5.5-4	#8	4.3 mm	9.0	25.2	7.5			
SV5.5-5	#10	5.3 mm	9.0	25.2	7.5			
SVS5.5-6	1/4	6.5 mm	9.0	25.2	7.5			
SVL5.5-6	1/4	6.5 mm	12.0	31.2	12.0			
SV5.5-8	5/16	8.4 mm	14.0	30.0	11.5			

Non-insulated Spade Terminals



Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
SNB1.25-3	#4	3.2 mm	5.7	16.0	6.5	4.8	3.4	1.7
SNBS1.25-3.5	#6	3.7 mm	5.7	16.0	6.5			
SNBS1.25-4	#8	4.3 mm	6.4	16.0	6.5			
SNBM1.25-4	#8	4.3 mm	7.2	16.0	6.5			
SNBS1.25-5	#10	5.3 mm	8.1	16.0	6.5			
SNBS1.25-6	1/4	6.5 mm	9.5	16.0	6.5			



Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
SNB2-3	#4	3.2 mm	5.7	16.0	6.5	4.8	4.1	2.3
SNBS2-3.5	#6	3.7 mm	5.7	16.0	6.5			
SNB2-4	#8	4.3 mm	6.4	16.0	6.5			
SNBM2-4	#8	4.3 mm	7.2	16.0	6.5			
SNLS2-5	#10	5.3 mm	9.5	16.0	6.5			
SNBS2-6	1/4	6.5 mm	9.5	16.0	6.5			
SNBL2-8	1/4	6.5 mm	12.0	22.0	11.0			

Conductor Cross-Section: 2.5–4 mm²; American Wire Gauge: 14-12;
Maximum Current: Imax = 37 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
SNB3.5-4	#8	4.3 mm	8.0	18.3	7.0	6.5	5.0	3.0
SNB3.5-5	#10	5.3 mm	8.0	18.3	7.0			
SNB3.5-6	1/4	6.5 mm	12.0	21.5	12.1			

Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 48 A

Model	US-Made bolt number	Size						
		Bolt hole diameter	B	L	F	H	DΦ	dΦ
		d2	mm	mm	mm	mm	mm	mm
SNBS5.5-4	#8	4.3 mm	8.3	19.5	7.5	6.8	5.6	3.4
SNB5.5-5	#10	5.3 mm	9.0	19.5	7.7			
SNBS5.5-6	1/4	6.5 mm	9.0	19.5	7.5			

Insulated Female/Male Connectors



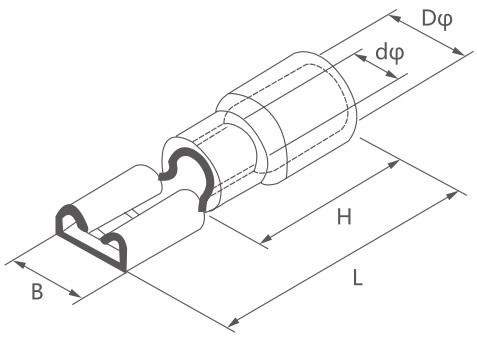
Insulated Female Connectors

Conductor Cross-Section: 0.5–1.5 mm^2; American Wire Gauge: 22-18;
Maximum Current: Imax=19 A; Material: Brass

Model	NEMA TAB	Material thickness	Size(mm)					Color
			B	dΦ	DΦ	L	H	
FDD1.25-110(5)	0.5*2.8	0.3	3.8	1.7	3.8	19.0	10.0	Red
FDD1.25-110(8)	0.8*2.8	0.3	3.8	1.7	3.8	19.0		
FDD1.25-187(5)	0.5*4.75	0.35	5.6	1.7	3.8	19.0		
FDD1.25-187(8)	0.8*4.75	0.35	5.6	1.7	3.8	19.0		
FDD1.25-250	0.8*6.35	0.4	7.4	1.7	3.8	21.0		

Conductor Cross-Section: 1.5–2.5 mm^2; American Wire Gauge: 16-14;
Maximum Current: Imax=15 A; Material: Brass

Model	NEMA TAB	Material thickness	Size(mm)					Color
			B	dΦ	DΦ	L	H	
FDD2-110(5)	0.5*2.8	0.3	3.8	2.3	4.3	19.0	10.0	Blue
FDD2-110(8)	0.8*2.8	0.3	3.8	2.3	4.3	19.0		
FDD2-187(5)	0.5*4.75	0.35	5.6	2.3	4.3	19.0		
FDD2-187(8)	0.8*4.75	0.35	5.6	2.3	4.3	19.0		
FDD2-250	0.8*6.35	0.4	7.4	2.3	4.3	21.0		



Conductor Cross-Section: 4–6 mm^2; American Wire Gauge: 12-10;
Maximum Current: Imax=24 A; Material: Brass

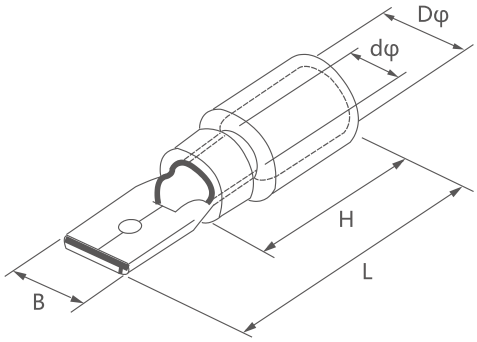
Model	NEMA TAB	Material thickness	Size(mm)					Color
			B	dΦ	DΦ	L	H	
FDD5-250	0.8*6.35	0.4	7.4	3.3	5.7	25.0	13.0	Yellow

Insulated Male Connectors



Conductor Cross-Section: 0.5–1.5 mm^2; American Wire Gauge: 22-18;
Maximum Current: Imax=10 A;

Model	NEMA TAB	Material thickness	Size(mm)					Color
			B	dΦ	DΦ	L	H	
MDD1.25-187	0.5*4.75	0.5	4.75	1.70	4.3	20.0	10.0	Red



Conductor Cross-Section: 0.5–1.5 mm^2; American Wire Gauge: 22-18;
Maximum Current: Imax=15 A;

Model	NEMA TAB	Material thickness	Size(mm)					Color
			B	dΦ	DΦ	L	H	
MDD2-187	0.5*4.75	0.5	4.75	2.3	4.3	20.0	10.0	Blue
MDD2-250	0.8*6.35	0.4*2	6.35	2.3	4.3	21.0	10.0	

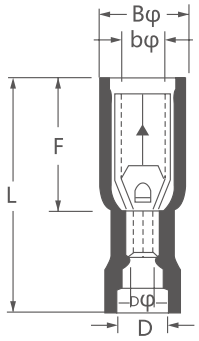
Conductor Cross-Section: 4–6 mm^2; American Wire Gauge: 12-10;
Maximum Current: Imax=24 A;

Model	NEMA TAB	Material thickness	Size(mm)					Color
			B	dΦ	DΦ	L	H	
MDD5.5-250	0.8*6.35	0.4*2	6.35	3.4	5.7	25.0	13.0	Yellow

H

Insulated Receptacle/Butt Disconnectors





Insulated Receptacle Disconnectors

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 10 A; Material: Brass

Model	Material Thickness	Size(mm)					Color
		bΦ	BΦ	DΦ	F	L	
FRD1.25-156	0.4	4.0	6.3	1.7	13.0	24.5	Red

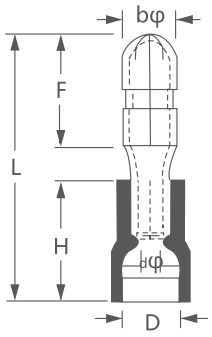
Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 15 A; Material: Brass

Model	Material Thickness	Size(mm)					Color
		bΦ	BΦ	DΦ	F	L	
FRD2-156	0.4	4.0	6.3	2.3	14.0	24.5	Blue
FRD2-195	0.4	5.0	7.0	2.3	14.0	24.5	

Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 15 A; Material: Brass

Model	Material Thickness	Size(mm)					Color
		bΦ	BΦ	DΦ	F	L	
FRD5.5-195	0.4	5.0	7.3	3.4	14.0	29.5	Yellow





Insulated Butt Disconnectors

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 10 A; Material: Brass

Model	Material Thickness	Size(mm)					Color
		bΦ	F	DΦ	H	L	
MPD1.25-156	0.4	4.0	6.3	1.7	13.0	24.5	Red

Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 15 A; Material: Brass

Model	Material Thickness	Size(mm)					Color
		bΦ	F	DΦ	H	L	
MPD2-156	0.4	4.0	11.0	2.3	10.0	21.0	Blue
MPD2-195	0.4	5.0	11.0	2.3	10.0	21.0	

Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 24 A; Material: Brass

Model	Material Thickness	Size(mm)					Color
		bΦ	F	DΦ	H	L	
MPD5.5-195	0.4	5.0	12.0	3.4	13.0	25.0	Yellow

H

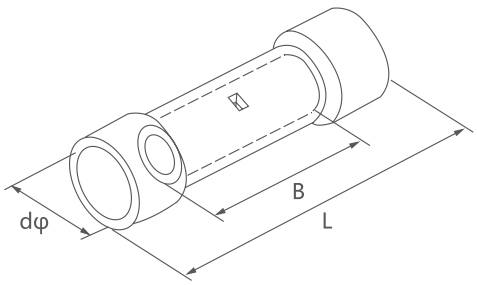
Insulated Butt Connectors & Insulated Butt Connectors



Insulated Butt Connectors

Material: Copper; Insulation Materials: PVC

Model	Conductor Cross-Section		Size(mm)			Maximum Current	Color
	A.W.G	mm²	B	dΦ	L		
BV1.5	22-16	0.5-1.5	15.0	1.7	26.0	19 A	Red
BV2	16-14	0.5-1.5	15.0	2.3	26.0	27 A	Blue
BV5.5	12-10	4-6	15.0	3.4	26.0	48 A	Yellow
BV8	#8	6-10	21.0	4.5	32.0	62 A	Red
BV14	#6	10-16	26.0	5.8	42.0	88 A	Blue
BV22	#4	16-25	29.0	7.7	50.0	115 A	Yellow



Insulated Butt Connectors

Material: Copper; Insulation Materials: PVC

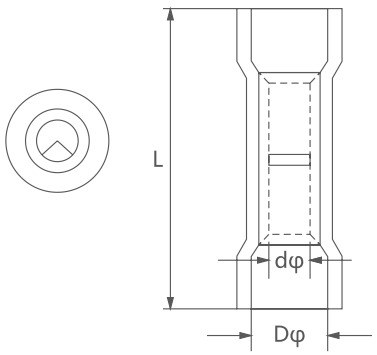
Model	Conductor Cross-Section		Size(mm)			Maximum Current	Color
	A.W.G	mm²	B	dΦ	L		
PVT1.25	22-16	0.5-1.5	8.0	1.7	16.0	19 A	Red
PVT2	16-14	1.5-2.5	8.0	2.3	16.0	27 A	Blue
PVT5.5	12-10	4-6	8.5	3.4	20.5	48 A	Yellow



Insulated Butt Connectors

Maximum Current: 26-22 A.W.G: 9 A; 16-14 A.W.G: 27 A; 12-10 A.W.G: 48 A;
Maximum pressure voltage: 105°C 600V ; Insulating sleeve material: Nylon

Model	Size(mm)			Connector material	Conductor Cross-Section	Color
	L	DΦ	dΦ			
BNYF0.5	20.0	2.0	1.3	Copper tube	26-22 A.W.G 0.2–0.5 mm²	Yellow
BNYF1.25	27.3	3.2	1.7	Copper tube	22-16 A.W.G 0.5–1.5 mm²	Red
BNYF2	27.3	3.8	2.3	Copper tube	16-14 A.W.G 1.5–2.5 mm²	Blue
BNYF5.5	27.3	5.3	3.4	Copper tube	14-10 A.W.G 4–6 mm²	Yellow



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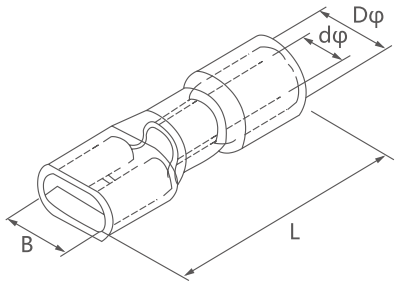
Fully Vinyl-Insulated Disconnectors & Insulated Piggyback Disconnectors



Fully Vinyl-Insulated Disconnectors

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 15 A; Material: Brass

Model	NEMA TAB	Size(mm)			
		B	DΦ	dΦ	L
FDFD1.25-187(5)	0.5*4.75	5.6	3.8	1.7	20.0
FDFD1.25-187(8)	0.8*4.75	5.6	3.8	1.7	20.0
FDFD1.25-250	0.8*6.35	7.4	3.8	1.7	21.5



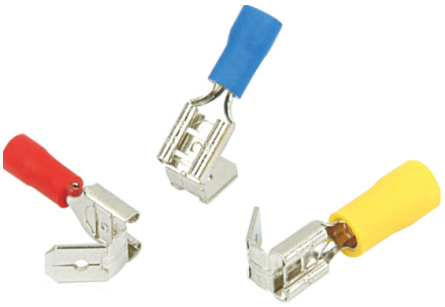
Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 15 A; Material: Brass

Model	NEMA TAB	Size(mm)			
		B	DΦ	dΦ	L
FDFD2-187(5)	0.5*4.75	5.6	4.3	2.3	20.0
FDFD2-187(8)	0.8*4.75	5.6	4.3	2.3	20.0
FDFD2-250	0.8*6.35	7.4	4.3	2.3	21.5

Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 24 A; Material: Brass

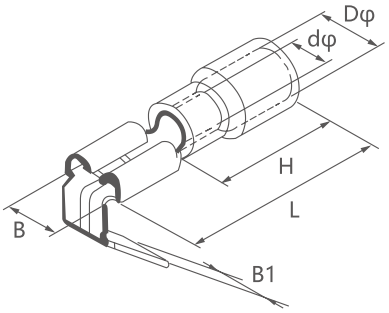
Model	NEMA TAB	Size(mm)			
		B	DΦ	dΦ	L
FDFD5-250	0.8*6.35	7.4	5.7	3.4	25.0

Insulated Piggyback Disconnectors



Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 10 A; Material: Brass

Model	NEMA TAB	Size(mm)					
		B	B1	H	DΦ	dΦ	L
PBDD1.25-250	0.8*6.35	7.4	6.35	10.0	3.8	1.7	21.5



Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 15 A; Material: Brass

Model	NEMA TAB	Size(mm)					
		B	B1	H	DΦ	dΦ	L
PBDD2-250	0.8*6.35	7.4	6.3	10.0	4.3	2.3	21.5

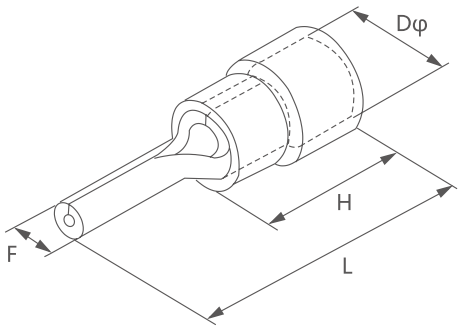
Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 24 A; Material: Brass

Model	NEMA TAB	Size(mm)					
		B	B1	H	DΦ	dΦ	L
PBDD5-250	0.8*6.35	7.4	6.35	13.0	5.7	3.4	25.0

H

Insulated/Non-insulated Pin Terminals





Insulated Pin Terminals

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	Size(mm)				Color
	F	L	H	DΦ	
PTV1.25-9	1.9	19.0	10.0	4.3	Red
PTV1.25-10	1.9	20.0			
PTV1.25-12	1.9	22.0			
PTV1.25-13	1.9	23.0			
PTV1.25-18	1.9	28.0			

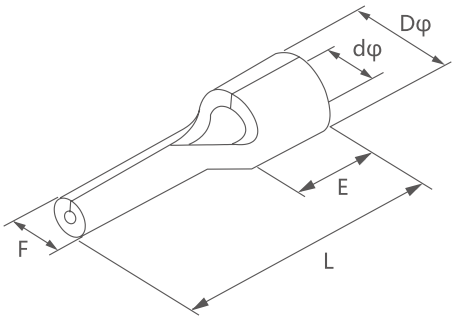
Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A

Model	Size(mm)				Color
	F	L	H	DΦ	
PTV2-9	1.9	19.0	10.0	4.9	Blue
PTV2-10	1.9	20.0			
PTV2-12	1.9	22.0			
PTV2-13	1.9	23.0			
PTV2-18	1.9	28.0			

Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 48 A

Model	Size(mm)				Color
	F	L	H	DΦ	
PTV5.5-13	2.8	25.5	12.5	6.7	Yellow





Non-Insulated Pin Terminals

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	Size(mm)				
	F	L	E	DΦ	dΦ
PTN1.25-9	1.9	13.8	4.8	3.4	1.7
PTN1.25-10	1.9	14.8			
PTN1.25-12	1.9	16.8			
PTN1.25-13	1.9	17.8			
PTN1.25-18	1.9	22.8			

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	Size(mm)				
	F	L	E	DΦ	dΦ
PTN2-9	1.9	13.8	4.8	4.1	2.3
PTN2-10	1.9	14.8			
PTN2-12	1.9	16.8			
PTN2-13	1.9	17.8			
PTN2-18	1.9	22.8			

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A

Model	Size(mm)				
	F	L	E	DΦ	dΦ
PTN5.5-13	2.8	19.8	6.8	5.6	3.4

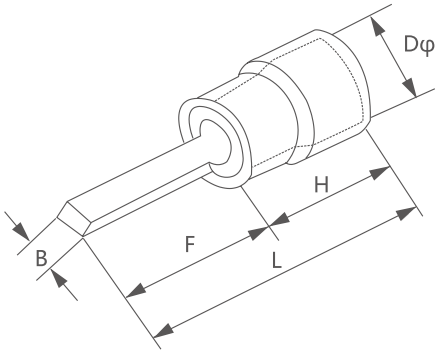
Insulated Blade Terminals & Insulated Lipped Blade Terminals



Insulated Blade Terminals

Conductor Cross-Section: 0.5–1.5 mm²; American Wire Gauge: 22-16;
Maximum Current: Imax = 19 A; Material: Copper; Material Thickness: 0.75 mm

Model	Size(mm)					Color
	B	L	F	H	DΦ	
DBV1.25-10	2.3	20.0	10.0	10.0	4.3	Red
DBV1.25-14	3.0	24.0	14.0			
DBV1.25-18	2.3	28.0	18.0			



Conductor Cross-Section: 1.5–2.5 mm²; American Wire Gauge: 16-14;
Maximum Current: Imax = 27 A; Material: Copper; Material Thickness: 0.8 mm

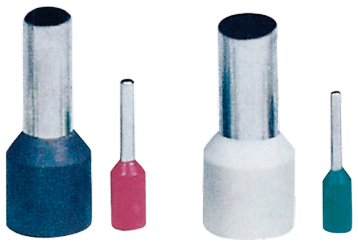
Model	Size(mm)					Color
	B	L	F	H	DΦ	
DBV2-10	2.4	19.0	9.0	10.0	4.9	Blue
DBV2-14	2.4	24.0	14.0			
DBV2-18	2.4	28.0	18.0			

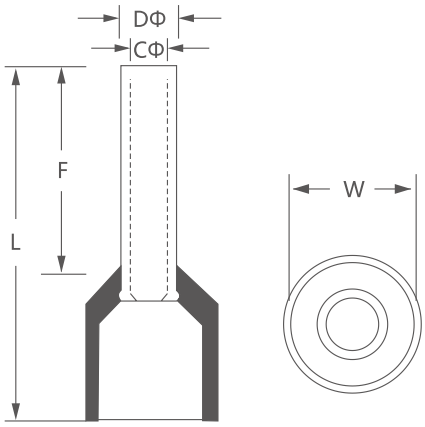
Conductor Cross-Section: 4–6 mm²; American Wire Gauge: 12-10;
Maximum Current: Imax = 48 A; Material: Copper; Material Thickness: 1.0 mm

Model	Size(mm)					Color
	B	L	F	H	DΦ	
DBV5.5-10	2.8	22.5	10.0	13.0	5.6	Yellow
DBV5.5-14	4.5	26.5	14.0			
DBV5.5-18	4.5	30.5	18.0			

Insulated Cord End Terminals





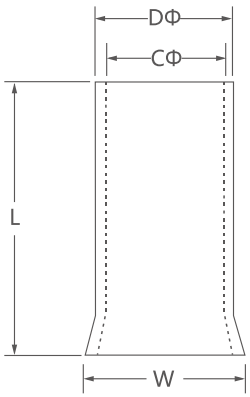


The limit of working temperature: 105 Ui=300V; Tip material: Copper tube

Model	Size							Conductor Cross-Section (mm²)	Insulating sleeve color (above) used by Germany (below) used by France
	F	L	W	dΦ	DΦ	CΦ	A.W.G		
E0506	6.0	12.0	12.0	2.6	1.3	1.0	#22	0.5	Orange White
E0508	8.0	14.0	14.0						
E0510	10.0	16.0	16.0						
E7506	6.0	12.4	12.4	2.8	1.5	1.2	#20	0.75	White Blue
E7508	8.0	14.6	14.6						
E7510	10.0	16.4	16.4						
E7512	12.0	18.4	18.4						
E1006	6.0	12.4	12.4	3.0	1.7	1.4	#18	1.0	Yellow Red
E1008	8.0	14.6	14.6						
E1010	10.0	16.4	16.4						
E1012	12.0	18.4	18.4						
E1508	8.0	14.6	14.6	3.5	2.0	1.7	#16	1.5	Red Black
E1510	10.0	16.4	16.4						
E1518	18.0	24.4	24.4						
E2508	8.0	15.2	15.2						
E2512	12.0	19.0	19.0	4.0	2.6	2.3	#14	2.5	Blue Gray
E2518	18.0	25.0	25.0						
E4009	9.0	16.5	16.5						
E4012	12.0	19.5	19.5	4.4	3.2	2.8	#12	4.0	Gray Orange
E4018	18.0	25.5	25.5						
E6012	12.0	20.0	20.0						
E6018	18.0	26.0	26.0	6.3	3.9	3.5	#10	6.0	Black Green
E10-12	12.0	21.5	21.5						
E10-18	18.0	27.5	27.5	7.6	4.9	4.5	#7	10.0	Milky Brown
E16-12	12.0	22.2	22.2						
E16-18	18.0	28.2	28.2	8.8	6.2	5.8	#5	16.0	Green Milky
E25-16	16.0	29.0	29.0						
E25-22	22.0	35.0	35.0	11.2	7.9	7.5	#4	25.0	Brown Black
E35-16	16.0	30.0	30.0						
E35-25	25.0	39.0	39.0	12.7	8.7	8.3	#2	35.0	Dust-brown color
E50-20	20.0	36.0	36.0						
E50-25	25.0	41.0	41.0	15.3	10.9	10.3	#1	50.0	Olive

Non-Insulated Cord End Terminals & Non-Insulated Twin Cord End Terminals



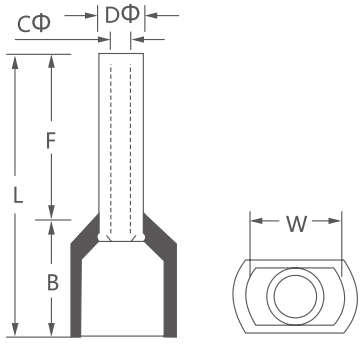


Non-Insulated Cord End Terminals

The limit of working temperature: 105 Ui=300V; Tip material: Copper tube

Model	Conductor Cross-Section		Size(mm)			
	A.W.G	mm²	L	D	C	W
EN0506	#22	0.5	6.0	1.3	1.0	2.1
EN1006	#18	1.0	6.0	1.7	1.4	2.7
EN1010	#18	1.0	10.0	1.7	1.4	2.7
EN1510	#16	1.5	10.0	2.0	1.7	3.5
EN2507	#14	2.5	7.0	2.5	2.2	2.5
EN2512	#14	2.5	12.0	2.5	2.2	2.5
EN4009	#12	4.0	9.0	3.2	2.8	4.0
EN4012	#12	4.0	12.0	3.2	2.8	4.0
EN6010	#10	6.0	10.0	3.9	3.5	4.8
EN6012	#10	6.0	12.0	3.9	3.5	4.8
EN6015	#10	6.0	15.0	3.9	3.5	4.8
EN10-12	#7	10.0	12.0	4.9	4.5	5.8
EN10-15	#7	10.0	15.0	4.9	4.5	5.8
EN10-15	#7	10.0	18.0	4.9	4.5	5.8
EN16-12	#5	16.0	12.0	6.2	5.8	7.5
EN16-15	#5	16.0	15.0	6.2	5.8	7.5
EN16-18	#5	16.0	18.0	6.2	5.8	7.5
EN25-16	#4	25.0	16.0	7.9	7.5	9.2
EN25-22	#4	25.0	22.0	7.9	7.5	9.2
EN35-16	#2	35.0	16.0	8.7	8.3	10
EN35-25	#2	35.0	25.0	8.7	8.3	10
EN50-20	#1	50.0	20.0	10.9	10.3	12.4



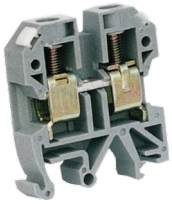


Non-Insulated Twin Cord End Terminals

The limit of working temperature: 105 Ui=300V; Tip material: Copper tube

Model	NEMA TAB	Size(mm)						Color	
		F	L	W	B	DΦ	CΦ	Germany	France
Te0508	2*0.5	8	14.5	8	6.5	1.8	1.5	White	White
TE7508	2*0.75	8	14.7	8	6.7	2.1	1.8	Blue	Gray
TE7510	2*0.75	10	16.7	10	6.7	2.1	1.8	Blue	Gray
TE1008	2*1.0	8	15.1	8	7.1	2.3	2.0	Red	Red
TE1010	2*1.0	10	17.1	10	7.1	2.3	2.0	Red	Red
TE1508	2*1.5	8	15.5	8	7.2	2.6	2.3	Black	Yellow
TE1512	2*1.5	12	19.5	12	7.5	2.6	2.3	Black	Yellow
TE2510	2*2.5	10	18.5	10	8.5	3.3	2.9	Gray	Blue
TE2512	2*2.5	13	21.5	13	8.5	3.3	2.9	Gray	Blue
TE4012	2*4.0	12	23.1	12	11.1	4.2	3.8	Orange	Gray
TE6014	2*6.0	14	26.1	14	12.1	5.3	4.9	Green	Yellow
TE10-14	2*10.0	14	26.6	14	12.0	6.9	6.5	Brown	Red
TE16-14	2*16.0	14	31.3	8.9	17.3	8.7	8.3	Milky	Blue

Terminal Connector

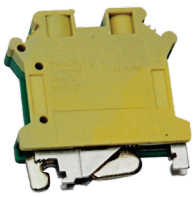


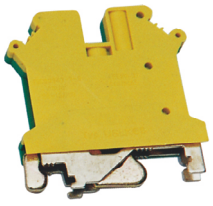


JXB Baffle

Insulated Pin Terminals

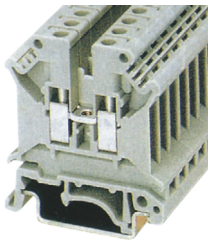
Type	Hard wire (mm2)	Soft wire (mm2)	Soft wire with tube terminal (mm)	Rated Current (A)	Rated Voltage (V)	Dimension (mm)
JXB-2.5/35	0.5-6	1.5-4	0.5-2.5	24	800	6×40×38.5
JXB-4/35	0.5-6	1.5-4	0.5-4	32	800	65×42×52
JXB-6/35	0.5-10	1.5-10	0.5-6	41	800	8×42×52
JXB-10/35	1.5-16	1.5-16	0.5-10	57	800	10×42×52
JXB-16/35	2.5-16	2.5-16	4-16	76	800	12×42×52
JXB-35/35	6-35	10-35	10-35	125	800	18×50×63.5
JXB-70/35	10-70	10-70	10-70	192	800	22×75×87





EK Series terminal connector

Type	Soft wire with tube terminal (mm)	Rated Current (A)	Rated Voltage (V)	Dimension (mm)
EK-2.5/35	0.5-14	1.5-2.5	0.5-2.5	6×57×37
EK-4/35	0.5-6	1.5-4	0.5-4	8×57×41
EK-6/35	0.5-10	1.5-6	0.5-6	12×57×48
EK-10/35	0.5-16	1.5-10	0.5-10	10×57×48
EK-16/35	2.5-16	2.5-16	4-16	12×57×48

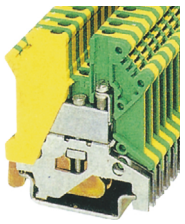


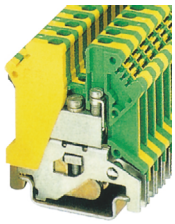


UK Baffle

UK Series terminal connector

Type	Hard wire (mm2)	Soft wire (mm2)	Rated Current (A)	Rated voltage (V)	Dimension (mm)
UK-1.5N	0.14-1.5	0.14-1.5	17.5	660	4.2×42.5×40.5
UK-2.5B	1.0-4	1.0-2.5	32	800	62×42.5×42
UK-3N	0.2-6	0.2-4	32	800	5.2×42.5×47
UK-5N	0.2-6	0.2-4	41	800	6.2×42.5×47
UK-6N	0.5-10	0.5-6	57	800	8.2×42×47
UK-10N	0.5-16	1.5-10	76	800	10.2×42.5×47
UK-16N	2.5-25	4-16	101	800	12.2×42.5×54
UK-35N	0.75-50	0.75-35	125	1000	15.2×50.5×61
UKH-50	16-50	25-50	150	1000	20×70.5×83.5
UKH-95	25-95	35-95	232	1000	25×83.2×97.5
UKH-150	35-150	50-150	309	1000	32×100×118
UKH-240	70-240	70-240	415	1000	36×100×131.5





USLKG Series terminal connector

Type	Hard wire (mm2)	Soft wire (mm2)	Rated Current (A)	Rated voltage (V)	Dimension (mm)
USLKG1.5N	0.14-1.5	0.14-1.5	12	660	6.2×42.5×47
USLKG2.5	0.2-4	0.2-2.5	32	800	6.2×42.5×47
USLKG3	0.25-2.5	0.25-1.5	32	800	5.2×42.5×47
USLKG5	0.25-4	0.25-2.5	41	800	6.2×42.5×47
USLKG6N	0.25-6	0.25-6	57	800	8.2×42.5×47
USLKG10N	0.5-16	0.5-10	76	800	10.2×42.5×47
USLKG16N	2.5-25	4-16	101		12.2×42.5×54
USLKG35	0.75-50	0.75-35	150		15.2×50.5×62
USLKG50	16-50	25-50	150		20×70.5×81.5

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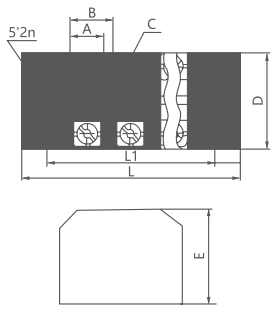
Terminal Connector





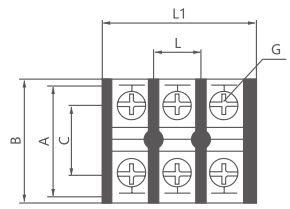


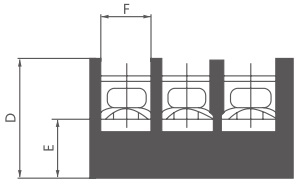
TB Series terminal connector

Type	Current (A)	No. of poles	Dimensions						
			L	L1	A	B	C	D	E
TB-1503	15	3	46	36.5	7.5	9	M3	22	17
TB-1504	15	4	55	45.5	7.5	9	M3	22	17
TB-1506	15	6	73	63.5	7.5	9	M3	22	17
TB-1512	15	12	127	118	7.5	9	M3	22	17
TB-2503	25	3	50	40	10.5	12	M4	30	20
TB-2504	25	4	62.5	57	10.5	12	M4	30	20
TB-2506	25	6	91	81.5	10.5	12	M4	30	20
TB-2512	25	12	163	153	10.5	12	M4	30	20
TB-3503	35	3	50	40	10.5	12	M4	30	20
TB-3504	35	4	62.5	57	10.5	12	M4	30	20
TB-3506	35	6	91	81.5	10.5	12	M4	30	20
TB-3512	35	12	163	153	10.5	12	M4	30	20
TB-4503	45	3	70	60.5	15	17	M5	38	23.5
TB-4504	45	4	86	75.5	15	17	M5	38	23.5
TB-4506	45	6	120.5	110	15	17	M5	38	23.5
TB-6003	60	3	70.5	65.5	15.5	18	M6	38	31
TB-6004	60	4	93.5	82.5	15.5	18	M6	38	31
TB-6006	60	6	129	118	15.5	18	M6	38	31
TB-1003	100	3	86.5	75.5	22	20	M6	43.5	35
TB-1004	100	4	108	96	22	20	M6	43.5	35
TB-1006	100	6	153	140	22	20	M6	43.5	35









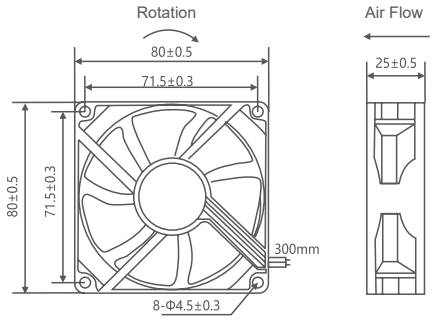
TC Series terminal connector

Type	Current (A)	No. of poles	Dimensions								
			L	L1	A	B	C	D	E	F	G
TC-603	60	3	28.5	86.5	38	42.7	25.5	31	15	17	M6
TC-604	60	4	28.5	115	38	42.7	25.5	31	15	17	M6
TC-1003	100	3	34.5	113.5	46.5	55.2	28	36.3	17.3	22.5	M6
TC-1004	100	4	34.5	137.5	46.5	55.2	28	36.3	17.3	22.5	M6
TC-1503	150	3	38.5	115	57.2	67	30.5	40	19.8	25.3	M8
TC-1504	150	4	38.5	153	57.2	67	30.5	40	19.8	25.3	M8
TC-2003	200	3	44.5	133	63	72.1	34	44.4	23	28.3	M8
TC-2004	200	4	44.5	177	63	72.1	34	44.4	23	28.3	M8
TC-3003	300	3	55	164	78	89.4	47.5	50.6	27	30	M10
TC-3004	300	4	55	218	78	89.4	47.5	50.6	27	30	M10
TC-4003	400	3	55	164	78	89.4	47.5	50.6	27	36	M10
TC-4004	400	4	55	218	78	89.4	47.5	50.6	27	36	M10

Cooling Fan



Size: 80 mm×80 mm×25 mm
Airflow: 24~39 /hr 14~23CFM
Weight: 208g
Noise: 22~30 dBA
Operating Temperature: -10 °C to +65 °C

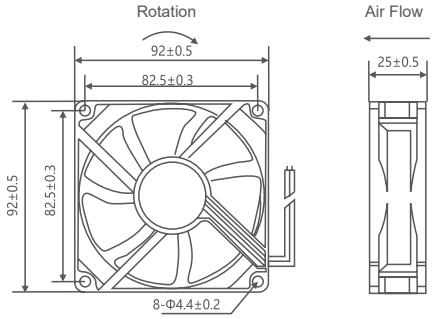


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC8025-1	Sleeve	110	50/60	0.13	13	2300/2600	27/30	32/39	19/23
YC8025-2		220		0.07					
YC8025-3	Ball	110		0.13					
YC8025-4		220		0.07					



Size: 92 mm×92 mm×25 mm
Airflow: 37~58 /hr 22~34CFM
Weight: 268g
Noise: 28~40 dBA
Operating Temperature: -10 °C to +65 °C

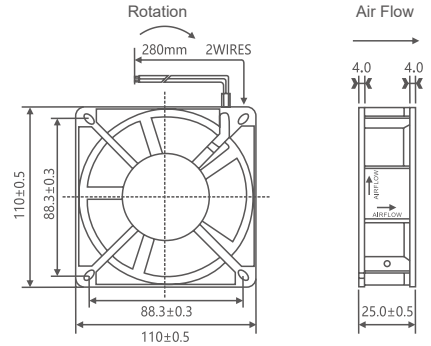


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC9225-1	Sleeve	110	50/60	0.14	13	2300/2600	34/40	47/58	28/34
YC9225-2		220		0.07					
YC9225-3	Ball	110		0.14					
YC9225-4		220		0.07					



Size: 110 mm×110 mm×25 mm
Airflow: 70~100m³/hr 41~59CFM
Weight: 304g
Noise: 30~41 dBA
Operating Temperature: -10 °C to +65 °C



Technical data

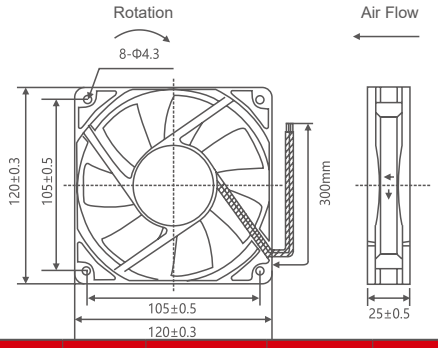
Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC11025-1	Sleeve	110	50/60	0.20	18	2300/2600	35/41	35/41	49/59
YC11025-2		220		0.10					
YC11025-3	Ball	110		0.20					
YC11025-4		220		0.10					

H

Cooling Fan



Size: 120 mm×120 mm×25 mm
Airflow: 76~112m³/hr 45~66CFM
Weight: 314g
Noise: 31~42 dBA
Operating Temperature: -10 °C to +65 °C

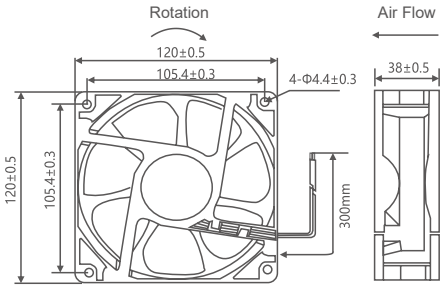


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC12025-1	Sleeve	110	50/60	0.20	18	2300/2600	39/42	96/112	57/66
YC12025-2		220		0.10					
YC12025-3	Ball	110		0.20					
YC12025-4		220		0.10					



Size: 120 mm×120 mm×38 mm
Airflow: 134~204m³/hr 79~120CFM
Weight: 600g
Noise: 39~50 dBA
Operating Temperature: -10 °C to +105 °C



Technical data

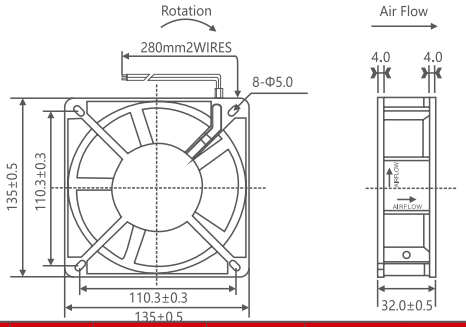
Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC12038-1	Sleeve	110	50/60	0.25	24	2300/2600	45/50	180/204	106/120
YC12038-2		220		0.14	22				
YC12038-3		380		0.09	22				
YC12038-4	Ball	110		0.25	24				
YC12038-5		220		0.14	22				
YC12038-6		380		0.09	22				

H

Cooling Fan



Size: 135 mm×135 mm×32 mm
Airflow: 156~197m³/hr 92~115CFM
Weight: 595g
Noise: 44~50 dBA
Operating Temperature: -10 °C to +65 °C

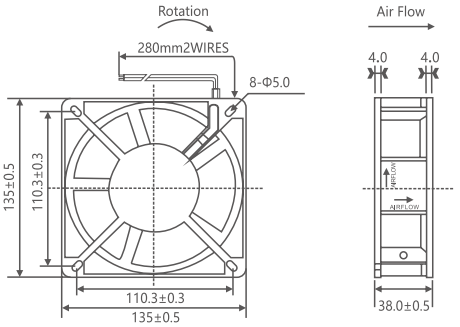


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC125FZY1-S	Sleeve	110	50/60	0.34	25	2400/2800	44/50	156/197	92/115
YC125FZY2-S		220		0.17					
YC125FZY3-S		380		0.10					



Size: 135 mm×135 mm×38 mm
Airflow: 141~205m³/hr 83~122CFM
Weight: 555g
Noise: 41~53 dBA
Operating Temperature: -10 °C to +105 °C

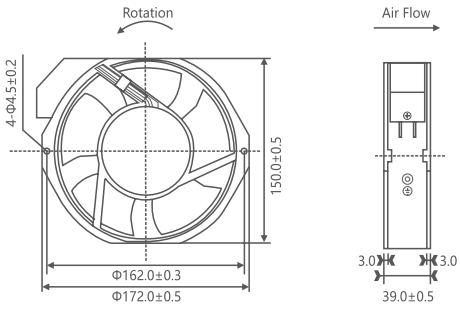


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC13538-1	Sleeve	220	50/60	0.18	25	2400/2800	46/53	165/205	92/122
YC13538-2		380		0.11					
YC13538-3	Ball	220		0.18					



Size: 172 mm×150 mm×39 mm
Airflow: 330~375m³/hr 194~220CFM
Weight: 655g
Noise: 56~60 dBA
Operating Temperature: -10 °C to +70 °C



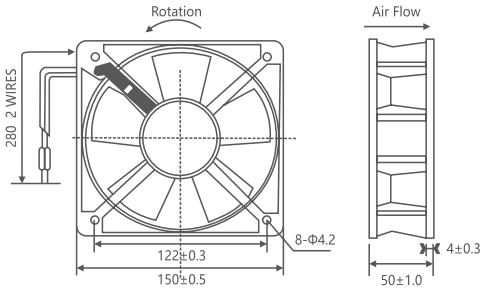
Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume		Capacitor
								m³/hr	CFM	
YC145FZY1-S	Sleeve	110	50/60	0.36	30	2400/2800	56	330/375	194/220	3.3μF/250V
YC145FZY2-S		220		0.18						1.0μF/500V
YC145FZY3-S		380		0.10	25					0.47μF/630V

Cooling Fan



Size: 150 mm×150 mm×50 mm
Airflow: 373~501m³/hr 220~295CFM
Weight: 1200g
Noise: 50~59 dBA
Operating Temperature: -10 °C to +65 °C

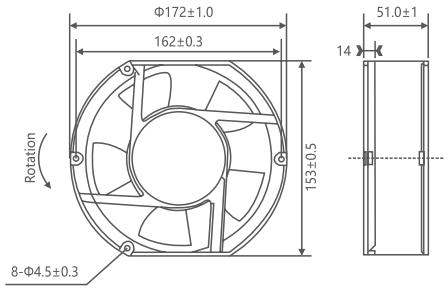


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC15050-1	Sleeve	110	50/60	0.40	38	2300/2600	54/59	299/336	176/198
YC15050-2		220		0.22					
YC15050-3		380		0.12					
YC15050-4	Ball	220		0.22			49/54		
YC15050-5		380		0.12					



Size: 172 mm×150 mm×50 mm
Airflow: 330~375m³/hr 194~220CFM
Weight: 655g
Noise: 56~60 dBA
Operating Temperature: -10 °C to +70 °C



Technical data

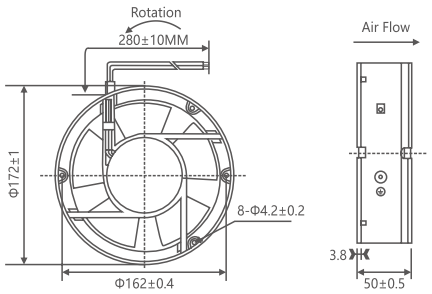
Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC17251-1	Sleeve	110	50/60	0.40	38	2300/2600	54/59	299/336	176/198
YC17251-2		220		0.22					
YC17251-3		380		0.12					
YC17251-4	Ball	220		0.22			49/54		
YC17251-5		380		0.12					

H

Cooling Fan



Size: 172 mm×172 mm×50 mm
Airflow: 373~501m³/hr 200~295CFM
Weight: 1200g
Noise: 50~59 dBA
Operating Temperature: -10 °C to +65 °C

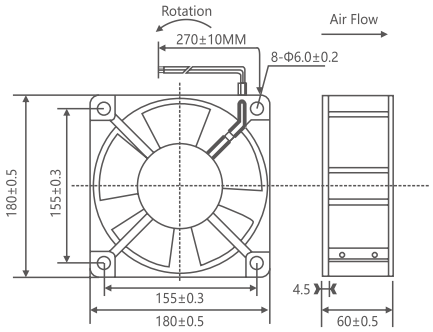


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC17252-1	Sleeve	110	50/60	0.40	38	2300/2600	54/59	299/336	176/198
YC17252-2		220		0.22					
YC17252-3		380		0.12					
YC17252-4	Ball	220		0.22			49/54		
YC17252-5		380		0.12					



Size: 180 mm×180 mm×60 mm
Airflow: 86~671m³/hr 345~395CFM
Weight: 1200g
Noise: 50~59 dBA
Operating Temperature: -10 °C to +65 °C

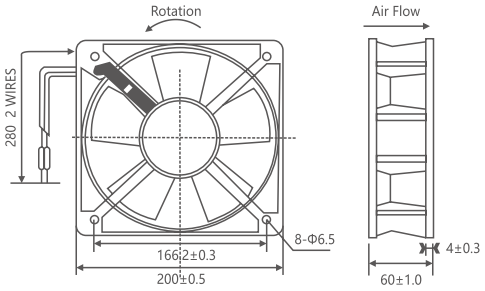


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC18060-1	Ball	220	50/60	0.23	50/60	2400/2700	63/68	586/671	345/395
YC18060-2		380		0.13					



Size: 200 mm×200 mm×60 mm
Airflow: 660~760m³/hr 388~447CFM
Weight: 1600g
Noise: 63~68 dBA
Operating Temperature: -10 °C to +65 °C



Technical data

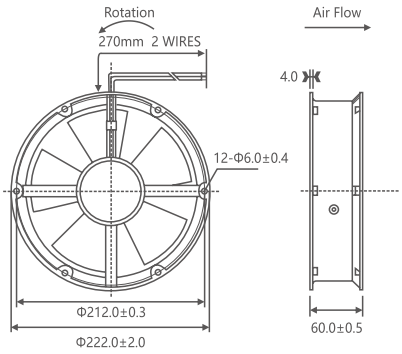
Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC20060-1	Ball	220	50/60	0.48	65	2600	70	586/671	345/395
YC20060-2		380		0.30					

H

Cooling Fan



Size: 220 mm×220 mm×60 mm
Airflow: 612~7901m³/hr 360~465CFM
Weight: 1600g
Noise: 56~68 dBA
Operating Temperature: -10 °C to +65 °C

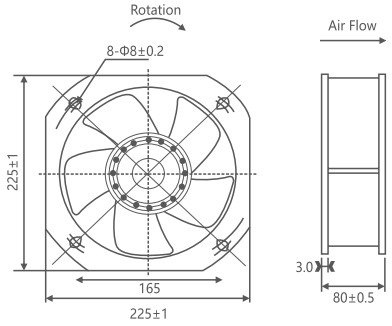


Technical data

Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume	
								m³/hr	CFM
YC22060-1	Ball	220	50/60	0.48	65	2600	70	586/671	345/395
YC22060-2		380		0.30					



Size: 225 mm×225 mm×80 mm
Airflow: 612~7901m³/hr 360~465CFM
Weight: 2200g
Noise: 56~68 dBA
Operating Temperature: -10 °C to +105 °C



Technical data

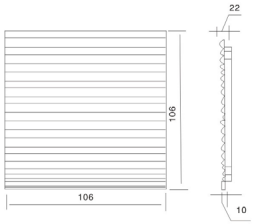
Type	Bearing form	Voltage (VAC)	Frequency (Hz)	Current (AMP)	Power (Watts)	Speed (RPM)	Noise (dBA)	Air volume		Phases	Capacitor
								m³/hr	CFM		
YC200FZY1-S	Ball	220	50/60	0.42	85	2500/2850	63/66	1050/1290	618/760	1	3.3μF/250V
YC200FZY2-S		380		0.28						3	1.0μF/500V
YC200FZY3-S		380		0.32						1	0.47μF/630V

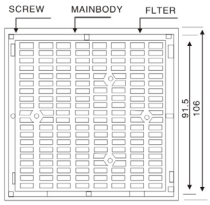
Universal Filter Group

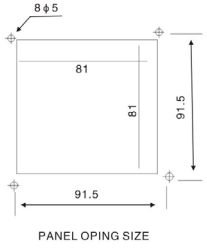
Universal Filter Group: 801

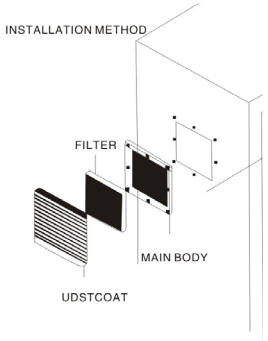


Technical data		
General Network Body Material	ABS Resin (Flammable, Ultraviolet Resistance)94V-0, UL Fire Line	
Filtration Material	Nylon Fiber Composite	
Filtration Pressure Loss	Initial 6.7 mm End: 20 mm AQ	
Maximum Wind Speed:	1.5 m/s	
All ranges	50m³/min	
Filtration efficiency	Feed yield: 520g/m² (JAPAN AIR FILTER INSTITUTE)	
Filter	Suitable for 80 fans: 8025/8038	
Ingress Protection (IP) Rating	IP55	
Annex	Filter × 1 pcs	Screw Group × 8 pcs





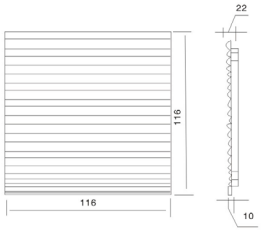


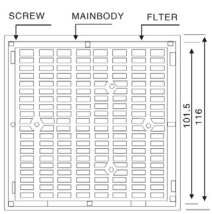


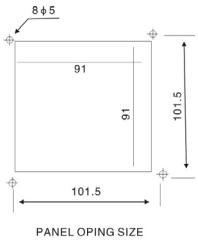
Universal Filter Group: 802

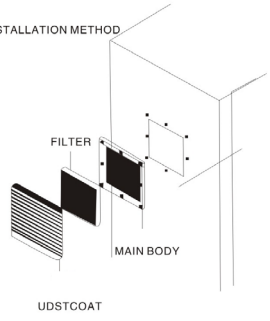


Technical data		
General Network Body Material	ABS Resin (Flammable, Ultraviolet Resistance)94V-0, UL Fire Line	
Filtration Material	Nylon Fiber Composite	
Filtration Pressure Loss	Initial 6.7 mm End: 20 mm AQ	
Maximum Wind Speed:	1.5 m/s	
All ranges	50m³/min	
Filtration efficiency	Feed yield: 520g/m² (JAPAN AIR FILTER INSTITUTE)	
Filter	Suitable for 92 fans: 9225/9238	
Ingress Protection (IP) Rating	IP55	
Annex	Filter × 1 pcs	Screw Group × 8 pcs









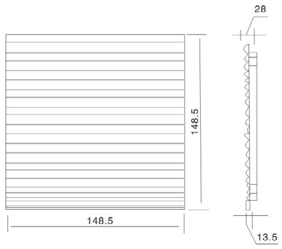
H

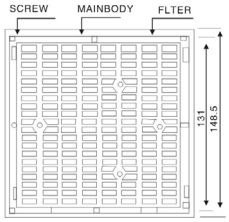
Universal Filter Group

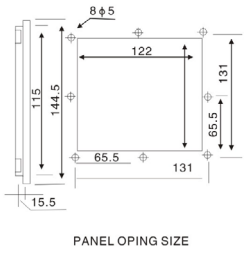
Universal Filter Group: 803

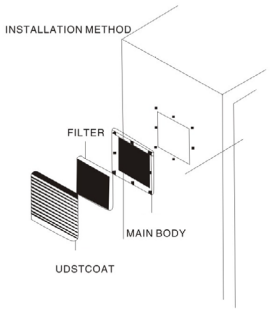


Technical data		
General Network Body Material	ABS Resin (Flammable, Ultraviolet Resistance)94V-0, UL Fire Line	
Filtration Material	Nylon Fiber Composite	
Filtration Pressure Loss	Initial 6.7 mm End: 20 mm AQ	
Maximum Wind Speed:	1.5 m/s	
All ranges	50m³/min	
Filtration efficiency	Feed yield: 520g/m² (JAPAN AIR FILTER INSTITUTE)	
Filter	Suitable for 120 series fans: 11025/12025/12038	
Ingress Protection (IP) Rating	IP55	
Annex	Filter × 1 pcs	Screw Group × 8 pcs





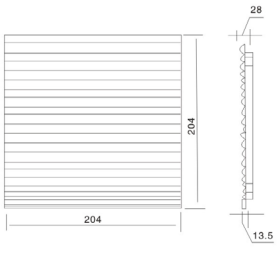


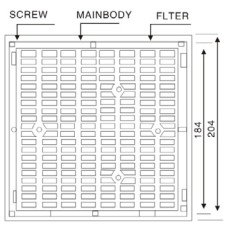


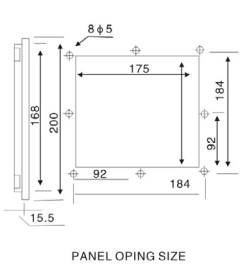
Universal Filter Group: 804

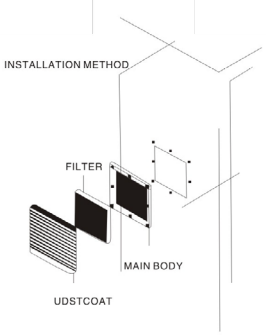


Technical data		
General Network Body Material	ABS Resin (Flammable, Ultraviolet Resistance)94V-0, UL Fire Line	
Filtration Material	Nylon Fiber Composite	
Filtration Pressure Loss	Initial 6.7 mm End: 20 mm AQ	
Maximum Wind Speed:	1.5 m/s	
All ranges	50m³/min	
Filtration efficiency	Feed yield: 520g/m² (JAPAN AIR FILTER INSTITUTE)	
Filter	Suitable for 150/170 series fans: 15050/17238/17250/17150/12025/12038	
Ingress Protection (IP) Rating	IP55	
Annex	Filter × 1 pcs	Screw Group × 8 pcs









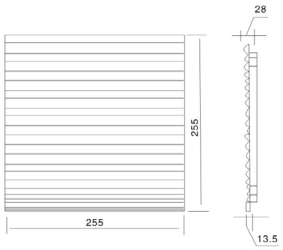
H

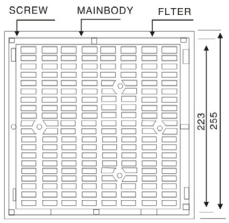
Universal Filter Group

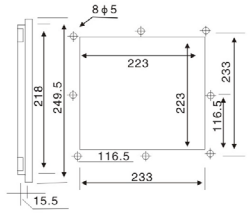
Universal Filter Group: 805



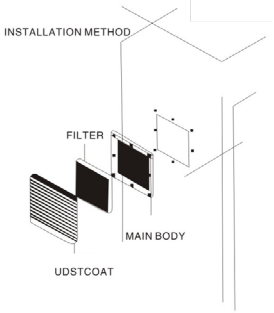
Technical data		
General Network Body Material	ABS Resin (Flammable, Ultraviolet Resistance)94V-0, UL Fire Line	
Filtration Material	Nylon Fiber Composite	
Filtration Pressure Loss	Initial 6.7 mm End: 20 mm AQ	
Maximum Wind Speed:	1.5 m/s	
All ranges	50m³/min	
Filtration efficiency	Feed yield: 520g/m² (JAPAN AIR FILTER INSTITUTE)	
Filter	Suitable for: 17250/17150/17238/20060/22060/22580 axial fans	
Ingress Protection (IP) Rating	IP55	
Annex	Filter × 1 pcs	Screw Group × 8 pcs







PANEL OPING SIZE

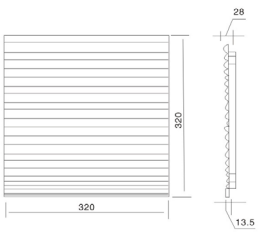


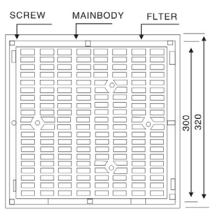
UDSTCOAT

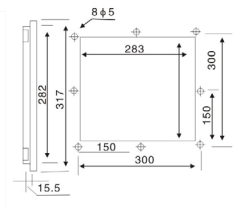
Universal Filter Group: 806



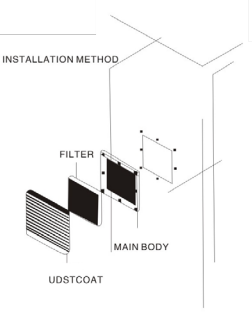
Technical data		
General Network Body Material	ABS Resin (Flammable, Ultraviolet Resistance)94V-0, UL Fire Line	
Filtration Material	Nylon Fiber Composite	
Filtration Pressure Loss	Initial 6.7 mm End: 20 mm AQ	
Maximum Wind Speed:	1.5 m/s	
All ranges	50m³/min	
Filtration efficiency	Feed yield: 520g/m² (JAPAN AIR FILTER INSTITUTE)	
Filter	Suitable for: 17250/17150/17238/20060/22060/22580/25489/28080 axial fans	
Ingress Protection (IP) Rating	IP55	
Annex	Filter × 1 pcs	Screw Group × 8 pcs







PANEL OPING SIZE



UDSTCOAT

H

PG Nylon Cable Gland



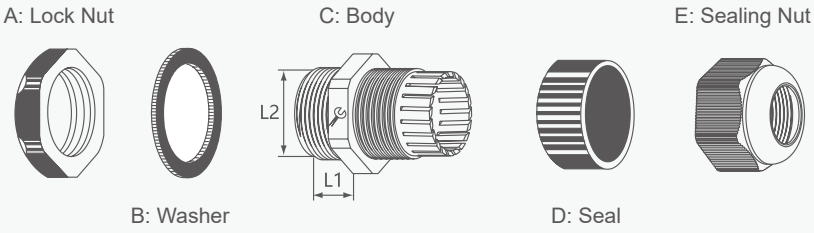
General

1. Thread spec.: PG
2. Material: Parts A, C, E are made of UL approved nylon PA66, parts B and D are made of Nitrile butadiene rubber(NBR).
3. Working Temperature: -40 °C to 100 °C in static state, instantaneous heat resistance up to 120 °C; -20 °C to 80 °C in dynamic state, instantaneous heat resistance up to 100 °C.
4. Characteristics: Special design of clamping die and rubber part, large range in clamping cable, ultra-strong stretching resistance, waterproof, dustproof, and high ability to resist salt, acid, alkali, alcohol, grease and general solvent.

Color selected

Red Yellow Blue Green Gray Black Greyish-white

Structural Drawing



Technical data

Model	Thread size	Cable range (mm)	Thread O.D. L2(mm)	Thread length L1(mm)	Spanner size A & E(mm)
PG7	PG7	3~6.5	12.5	9	18/16
PG9	PG9	4~8	15.2	9	22/19
PG11	PG11	5~10	18.6	9	24/22
PG13.5	PG13.5	6~11	20.4	10	27/24
PG16	PG16	10~13	22.5	10	30/27
PG19	PG19	12~15	24	10	30/28
PG21	PG21	13~18	28.3	12	35/33
PG25	PG25	16~21	30	12	37/35
PG29	PG29	18~25	37	12	45/42
PG36	PG36	22~32	47	15	58/52
PG42	PG42	32~38	54	18	62/58
PG48	PG48	37~44	59.3	18	70/64
PG63	PG63	42~50	71	30	83/77

Self-Locking Nylon Cable Ties



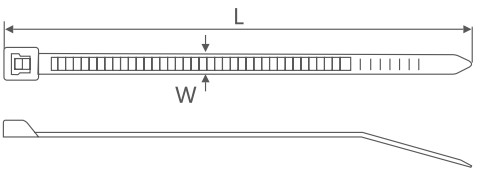


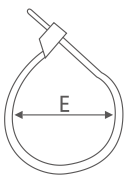
Self-Locking Nylon Cable Ties

Material: Nylon 66, 94V-2 UL-certified. Heat resisting, corrosion resistance, insulate well and resistant to aging.

Color: Natural (or white, standard color), black and other colors are available as requested.

Model	L		W (mm)	Max. Bundle Dia.(mm)	Min tensile strength		Packing
	Inch	mm			lbs	Kgs	
3×60	2 3/8"	60	2.5	11	18	8	100 pcs & 1000 pcs
3×80	3 3/16"	80	2.5	16	18	8	
3×100	4"	100	2.5	23	18	8	
3×120	4 3/4"	120	2.5	27	18	8	
3×150	6"	150	2.5	36	18	8	
3×160	6 1/4"	160	2.5	39	18	8	
3×200	8"	200	2.5	50	18	8	
4×100	4"	100	3.6	21	40	18	100 pcs & 500 pcs
4×120	4 3/4"	120	3.6	27	40	18	
4×150	6"	150	3.6	38	40	18	
4×180	7"	180	3.6	46	40	18	
4×200	8"	200	3.6	52	40	18	
4×250	10"	250	3.6	65	40	18	
4×300	11 5/8"	300	3.6	80	40	18	
4×370	14 1/2"	370	3.6	100	40	18	
5×100	4"	100	4.8	23	50	22	100 pcs & 250 pcs
5×120	4 3/4"	120	4.8	27	50	22	
5×160	6 1/4"	160	4.8	38	50	22	
5×185	7"	185	4.8	42	50	22	
5×200	8"	200	4.8	50	50	22	
5×250	10"	250	4.8	65	50	22	
5×280	11"	280	4.8	70	50	20	
5×300	11 5/8"	300	4.8	82	50	22	
5×350	13 3/4"	350	4.8	98	50	22	
5×370	15"	370	4.8	105	50	22	
5×400	15 3/4"	400	4.8	115	50	22	
5×430	17"	430	4.8	125	50	22	
5×450	17 3/4"	450	4.8	132	50	22	
5×500	19 11/16"	500	4.8	148	50	22	
5×530	20"	530	4.8	155	50	22	
8×150	6"	150	7.6	35	119	53	100 pcs & 250 pcs
8×200	8"	200	7.6	50	119	53	
8×250	10"	250	7.6	66	119	53	
8×300	11 5/8"	300	7.6	82	119	53	
8×350	13 3/4"	350	7.6	98	119	53	
8×370	14 1/4"	370	7.6	105	119	53	
8×400	15 3/4"	400	7.6	114	119	53	
8×450	17 3/4"	450	7.6	130	119	53	
8×500	19 11/16"	500	7.6	146	119	53	
8×550	21 1/16"	550	7.6	160	119	53	
10×400	15 3/4"	400	8.8	114	180	80	100 pcs
10×450	17 3/4"	450	8.8	126	180	80	
10×500	19 11/16"	500	8.8	140	180	80	
10×550	21 1/16"	550	8.8	160	180	80	
10×610	23 5/8"	610	8.8	178	180	80	
10×650	25 9/16"	650	8.8	190	180	80	
10×760	30"	760	8.8	226	180	80	
10×810	32"	810	8.8	241	180	80	
10×920	36 1/4"	920	8.8	276	180	80	
10×1020	40 1/6"	1020	8.8	295	180	80	
10×1200	48"	1200	8.8	345	180	80	
12×650	25 9/16"	650	11	190	250	114	100 pcs
12×760	29 9/16"	760	11	226	250	114	





H

Terminal Blocks



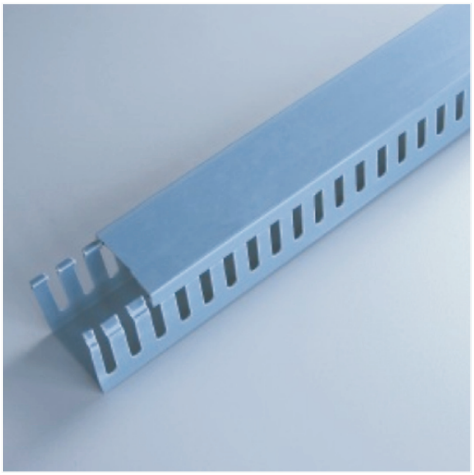
Terminal Blocks

Terminal Blocks H U(W) V(F) type.

Material: PA PE or PP.

Type	L (mm)	W (mm)	H (mm)	A (mm)	B (mm)	mm2	Volt	Amp	Packing
X3–03 A	93	16	12	6	8	4	400 V	3 A	
X3–06 A	115	15.7	13	6.5	9.5	6	400 V	6 A	
X3–10 A	126	20.2	15.5	8.4	10.5	10	400 V	10 A	
X3–16 A	139	23	17.7	10.3	12	12	400 V	16 A	
X3–20 A	155	25	19.2	11.5	13.5	14	400 V	20 A	10 pcs
X3–30 A	171	26	20.5	12	14.5	16	400 V	30 A	
X3–60 A	192	30	26	13.5	16.5	25	400 V	60 A	
X3–80 A	205	33	27	15	17	35	400 V	80 A	
X3–100 A	250	46	31	22	21	40	400 V	100 A	

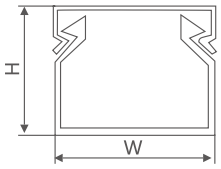
Insulating Distributing Slot

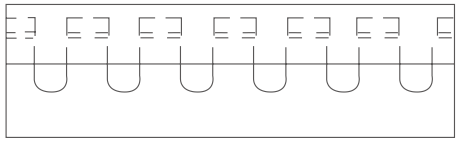


Insulating Distributing Slot

Material: PVC (grey), good insulation and heat-resisting up to 85 °C.

Structure: Made up of duct bottom and lid, with two out-holes designed at the bottom.





Type	H×W (mm)	Contained wire (2.02)	Length
2015	20×15	5–10 pcs	2m
2525	25×25	10–20 pcs	2m
3015	30×15	5–15 pcs	2m
3020	30×20	10–20 pcs	2m
3025	30×25	15–25 pcs	2m
3030	30×30	20–40 pcs	2m
3035	30×35	30–45 pcs	2m
3535	35×35	35–50 pcs	2m
4025	40×25	20–25 pcs	2m
4030	40×30	35–45 pcs	2m
4040	40×40	60–70 pcs	2m
5025	50×25	25–45 pcs	2m
5030	50×30	30–50 pcs	2m
5035	50×35	50–60 pcs	2m
5040	50×40	60–70 pcs	2m
5045	50×45	70–80 pcs	2m
5050	50×50	80–90 pcs	2m
5055	50×55	100–110 pcs	2m
5080	50×80	180–200 pcs	2m
50100	50×100	210–260 pcs	2m
8045	80×45	160–180 pcs	2m
8050	80×50	180–200 pcs	2m
8055	80×55	180–210 pcs	2m
8080	80×80	240–290 pcs	2m
80100	80×100	260–350 pcs	2m
100100	100×100	300–400 pcs	2m

Flame-retardant Heat Shrinkable Bushing



General

Flame-retardant thermal shrinkable bushing boasts good flame retardation, insulation, softness, low temperature and fast shrinking. It is widely used in wire connection, welding protection, wire marking, the insulation protection of resistance and capacitor, the corrosion protection of metal bar or tubes, and the antenna protection.

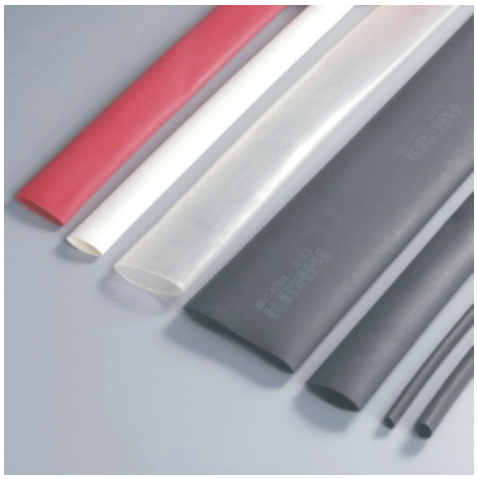
Principle of thermal shrinkage: under the high energy radiation, the li near polymer can form network cross-linked structure. The mechanical strength, temperature, chemical solution and aging resistance of cross-linked polymer are greatly improved, especially the acid and alkali resistance.

Color: Black, red, blue, white, yellow, green and transparent. And other colors can be customized.

Shrinking Ratio: 2:1. Rated Voltage: 600 V.

Specification	Dimension before shrinking (mm)		Dimension after shrinking (mm)		Standard packaging (m/disc)	Application (mm)
	Internal diameter	Wall thickness	Internal diameter	Wall thickness		
Φ0.8	1.0±0.2	0.2±0.05	0.4±0.1	0.22±0.05	200	0.6~0.8
Φ1.0	1.4±0.3	0.2±0.05	0.4±0.1	0.28±0.05	200	0.75~0.9
Φ1.5	1.9±0.3	0.2±0.05	0.6±0.1	0.32±0.05	200	0.95~1.4
Φ2.0	2.4±0.3	0.25±0.05	0.9±0.1	0.35±0.05	200	1.1~1.8
Φ2.5	2.9±0.3	0.25±0.05	1.1±0.1	0.38±0.05	200	1.35~2.3
Φ3.0	3.4±0.4	0.25±0.05	1.4±0.1	0.40±0.05	200	1.6~2.7
Φ3.5	3.9±0.4	0.25±0.05	1.6±0.1	0.42±0.05	200	1.85~3.2
Φ4.0	4.5±0.4	0.25±0.05	1.8±0.1	0.45±0.05	200	2.1~3.6
Φ4.5	4.8±0.4	0.25±0.15	1.9±0.1	0.50±0.15	100	2.35~4.0
Φ5.0	5.4±0.4	0.25±0.15	2.3±0.1	0.55±0.15	100	2.6~4.5
Φ6.0	6.4±0.4	0.28±0.15	2.8±0.2	0.55±0.15	100	3.1~5.4
Φ7.0	7.4±0.4	0.28±0.15	3.3±0.2	0.55±0.15	100	3.7~3
Φ8.0	8.4±0.5	0.28±0.15	3.8±0.2	0.55±0.15	100	4.2~7.2
Φ9.0	9.4±0.5	0.30±0.15	4.3±0.2	0.55±0.15	100	4.7~8.0
Φ10	10.5±0.5	0.30±0.15	4.8±0.2	0.55±0.15	100	5.2~9.0
Φ11	11.5±0.5	0.30±0.15	5.3±0.2	0.60±0.15	100	5.7~10
Φ12	12.5±0.5	0.30±0.15	5.7±0.3	0.60±0.15	100	6.2~11
Φ13	13.5±0.5	0.33±0.15	6.2±0.3	0.60±0.15	100	6.7~2
Φ14	14.5±0.5	0.35±0.15	6.7±0.3	0.60±0.15	100	7.3~13
Φ15	15.5±0.6	0.38±0.15	7.2±0.3	0.65±0.15	100	7.8~14
Φ16	16.5±0.6	0.38±0.15	7.7±0.3	0.65±0.15	100	8.3~15
Φ17	17.5±0.6	0.38±0.15	8.2±0.3	0.65±0.15	100	8.8~16
Φ18	19.0±0.6	0.40±0.15	8.7±0.3	0.65±0.15	100	9.3~17
Φ20	21.0±0.8	0.40±0.20	9.7±0.3	0.75±0.20	100	10.4~19
Φ22	22.8±0.8	0.42±0.20	10.0±0.1	0.75±0.20	100	11.4~21
Φ25	25.8±0.8	0.45±0.20	11.0±0.1	0.75±0.20	50	12.8~24
Φ28	28.8±0.8	0.45±0.20	13.0±0.1	0.75±0.20	50	14.4~29
Φ30	30.8±0.8	0.45±0.20	14.0±0.1	0.75±0.20	50	16~29
Φ35	35.8±0.8	0.50±0.20	16.0±0.1	0.85±0.20	50	18~34
Φ40	42.0±1.0	0.50±0.20	19.0±0.1	0.85±0.20	50	21~39
Φ50	51.0±1.0	0.50±0.20	24.0±0.1	0.85±0.20	50	26~49
Φ60	61.0±1.0	0.65±0.20	29.0±0.1	0.85±0.20	25	35~55
Φ70	71.0±1.0	0.65±0.20	33.0±2.0	1.00±0.20	25	40~65
Φ80	81.0±1.0	0.65±0.20	37.0±2.0	1.00±0.20	25	45~75
Φ90	91.0±1.0	0.65±0.20	43.0±2.0	1.00±0.20	25	50~88
Φ100	102.0±2.0	0.65±0.20	48.0±2.0	1.00±0.20	25	55~95
Φ120	122.0±2.0	0.80±0.20	58.0±2.0	1.50±0.20	15	65~115
Φ150	152.0±2.0	0.80±0.20	73.0±2.0	1.50±0.20	15	80~145
Φ180	182.0±2.0	0.80±0.20	88.0±2.0	1.50±0.20	15	95~175

Double-wall Heat Shrinkable Bushing

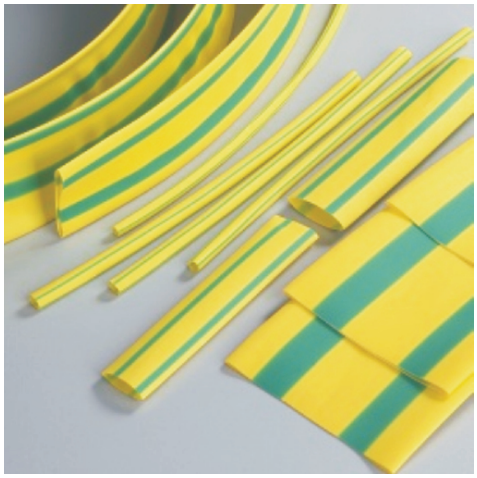


General

1. This series is a semi-conducting thermal shrinkable bushing coated with a layer of thermosol inside. Its external layer consists of radiation cross-linked polythene, and its internal layer is the specially designed adhesive internal wall. When it is heated, the internal thermosol will shrink to the external wall and fill the clearance. When it is cooled, the thickness of double walls is very even and solid. It is widely used for the water-tightness and air-tightness of wiring for electronic equipments, the sealing of wiring branch, rust protection of metal wires, and the remedy of wires and cables. It can prevent the polymer chains from loosening and falling, such as pool lamp, auto pipeline, and advanced lines.
2. Operating Temperature: -55 °C to 125 °C;
   Initial shrinking
   1. temperature: 70 °C;
   Full Shrinking Temperature: 125 °C;
   Melting temperature of internal adhesive layer: 70 °C to 80 °C
   Shrinking Ratio: 3:1
   Seal, water-proof, strong flexibility, convenient use, able to shrink when heated with oven or hot air gun; timely supply and delivery; and large production.
   Color standard: Black (Other colors can be customized).

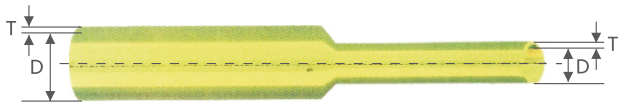
Specification		Dimension before shrinking internal diameter	Dimension after shrinking (mm)			Standard packaging (m/disc)	Application (mm)
mm	Inch		Wall thickness	Wall thickness	Internal diameter		
Φ2.4	3/32	2.7±0.3	0.7±0.15	0.30±0.10	0.80	200	0.9~2.2
Φ3.2	1/8	3.5±0.3	0.90±0.15	0.35±0.10	1.00	200	1.2~3.1
Φ4.8	3/16	5.1±0.3	1.0±0.15	0.40±0.10	1.60	100	1.8~4.6
Φ6.4	1/4	6.8±0.4	1.2±0.15	0.45±0.12	2.20	100	2.4~6.4
Φ7.9	5/16	8.3±0.4	1.2±0.15	0.50±0.12	2.70	100	2.9~7.7
Φ9.5	3/8	9.9±0.4	1.4±0.15	0.50±0.12	3.20	1.22	3.4~9.4
Φ12.7	1/2	13.2±0.5	1.6±0.20	0.50±0.12	4.20	1.22	4.4~12.5
Φ15.0	5/8	15.5±0.5	1.8±0.20	0.55±0.12	5.20	1.22	5.4~14.8
Φ19.1	3/4	19.6±0.5	2.0±0.20	0.55±0.12	6.30	1.22	6.5~18.8
Φ25.4	1	26.2±0.8	2.1±0.20	0.55±0.15	8.50	1.22	8.8~25
Φ30.0	5/4	30.5±0.8	2.2±0.20	0.60±0.15	10.2	1.22	10.5~30
Φ39.0	3/2	39.8±0.8	2.4±0.20	0.60±0.15	13.5	1.22	14.0~39
Φ50.0	2	50.0±0.8	2.7±0.25	0.70±0.15	17.0	1.22	17.5~49
Φ64	5/2	≥64	3.0±0.25	0.70±0.15	21.0	1.22	22~62
Φ70	2.7	≥70	3.0±0.3	1.0±0.2	23±3	1.22	23-70
Φ80	3.2	≥80	3.0±0.3	1.0±0.2	26±3	1.22	26-80
Φ90	7/2	≥90	3.0±0.30	1.00±0.20	30.0	1.22	32~88
Φ100	4	≥100	3.0±0.30	1.00±0.20	34.0	1.22	36~90
Φ120	5	≥125	3.0±0.30	1.00±0.20	42.0	1.22	44~125

Yellow & Green Heat Shrinkable Bushing



General

1. Yellow & green shrinkable bushing is processed and manufactured with excellent green and yellow polyolefin materials. When the products are shaped, they are cross linked and expanded continuously with electronic accelerator. The products are character-ized by softness, flame retardation, fast shrinkage, bright and durable color, and stable performance. They are widely used in the marking of electric wires, earthing of cables, special lines and pipelines.
2. Operating temperature: -55 °C to 125 °C;
   Initial shrinking temperature: 70 °C;
   Full Shrinking Temperature: 125 °C.
   Softness, flame retardation, bright and durable color, timely delivery and large supply, convenient use, able to shrink when heated with oven or hot air gun.
   Standard Color: yellow-green.



Test item	Index	Test item	Index
Continuous use temperature	-55 °C to 125 °C	Flame retardation	PASS
Tensile strength	≥10.4MPa	Breakdown strength	≥15 kV/mm
Longitudinal shrinkage ratio	≤8%	Volume resistivity	$>10^{14}\Omega$.cm

Specification	Dimension before shrinking (mm)		Dimension after shrinking (mm)		Standard packaging (m/disc)	Application (mm)
	Internal diameter	Wall thickness	Internal diameter	Wall thickness		
Φ2.0	2.4±0.3	0.25±0.05	0.9±0.1	0.35±0.05	200	1.1~1.8
Φ3.0	3.4±0.4	0.25±0.05	1.4±0.1	0.40±0.05	200	1.6~2.7
Φ4.0	4.5±0.4	0.25±0.05	1.8±0.1	0.45±0.05	200	2.1~3.6
Φ5.0	5.4±0.4	0.25±0.15	2.3±0.1	0.55±0.15	100	2.6~4.5
Φ6.0	6.4±0.4	0.28±0.15	2.8±0.2	0.55±0.15	100	3.1~5.4
Φ7.0	7.4±0.4	0.28±0.15	3.3±0.2	0.55±0.15	100	3.7~6.3
Φ8.0	8.4±0.5	0.28±0.15	3.8±0.2	0.55±0.15	100	4.2~7.2
Φ10	10.5±0.5	0.30±0.15	4.8±0.2	0.55±0.15	100	5.2~9.0
Φ12	12.5±0.5	0.30±0.15	5.7±0.3	0.60±0.15	100	6.2~11
Φ14	14.5±0.5	0.35±0.15	6.7±0.3	0.60±0.15	100	7.3~13
Φ16	16.5±0.6	0.38±0.15	7.7±0.3	0.65±0.15	100	8.3~15
Φ0	21.0±0.8	0.40±0.15	9.7±0.3	0.75±0.15	100	10.4~19
Φ25	25.8±0.8	0.45±0.15	11.0±1.0	0.75±0.15	50	12.8~24
Φ30	30.8±0.8	0.45±0.15	14.0±1.0	0.75±0.15	50	16~29
Φ35	35.8±0.8	0.50±0.20	16.0±1.0	0.85±0.20	50	18~34
Φ40	42.0±1.0	0.50±0.20	19.0±1.0	0.85±0.20	50	21~39
Φ50	51.0±1.0	0.50±0.20	24.0±1.0	0.85±0.20	50	26~49
Φ60	61.0±1.0	0.65±0.20	29.0±1.0	0.85±0.20	25	35~55
Φ70	71.0±1.0	0.65±0.20	33.0±2.0	1.00±0.20	25	40~65
Φ80	81.0±1.0	0.65±0.20	37.0±2.0	1.00±0.20	25	45~75
Φ90	91.0±1.0	0.65±0.20	43.0±2.0	1.00±0.20	25	50~88
Φ100	102.0±2.0	0.65±0.20	48.0±2.0	1.00±0.20	25	55~95
Φ120	122.0±2.0	0.80±0.20	58.0±2.0	1.50±0.20	15	65~115
Φ150	152.0±2.0	0.80±0.20	73.0±2.0	1.50±0.20	15	80~145
Φ180	182.0±2.0	0.80±0.20	88.0±2.0	1.50±0.20	15	95~175

Spiral Wrapping Band, Cable Marker

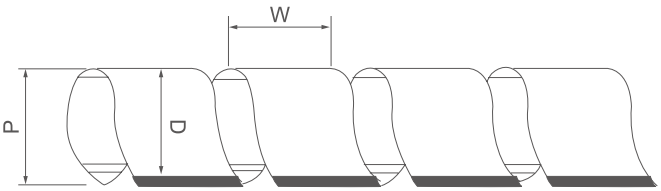


General

Material: PE.

How to use:
Fix one end with safety belt first, then circle the wires clockwise to make them tighten.

Usage:
A protection wear for electric wires, and make them insulation and look nice.



Type	D (mm)	D1 (mm)	W (mm)	Wrapping range (mmΦ)	Packing
HD-6	4	6	7.0	4×50	10m
HD-8	6	8	10.8	6×60	
HD-10	7.5	10	11.4	7.5×60	
HD-12	9	12	13.9	9×65	
HD-16	13	16	15.0	12×70	
HD-20	16	20	18.2	15×100	
HD-25	21	25	19.6	20×130	

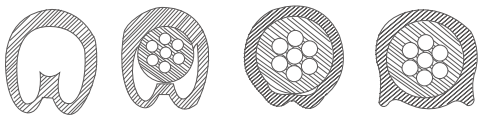
H



General

Material:
PVC, oil and corrosion resistance, heat resisting up to 85 °C.

How to use:
The inside is hollow, but elastic, the diameter can change with the needed wire.



Type	Approx wire		Markers	Packing
	sq	mm		
EC-0	0.75~1.5	0.75~3.0	0~9 A~Z + - * / \	1000 pcs
EC-1	2.5	2.6~4.2		1000 pcs
EC-2	4	3.6~7.4		500 pcs
EC-3	6	5.2~10		350 pcs
	8	6.8		250 pcs
	10	7.5		180 pcs
EC-J	2~8	3.5~7		500 pcs

Tie Mounts

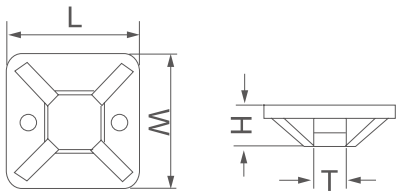


Tie Mounts

Material:
UL approved nylon 66, 94V-2, with imported adhesive sticker. Good insulation, long lasting and uneasy to age.

How to use:
Remove the cover of the adhesive and stick the piece properly. Then put in cable tie for using.

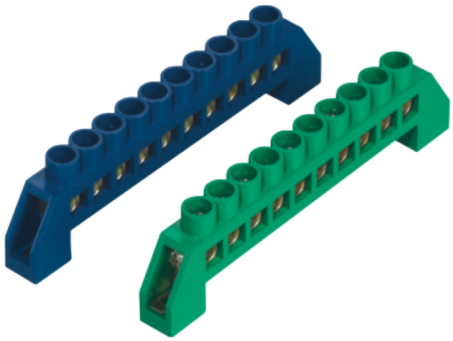
Usage:
Used where hole-drilling is not allowed. Easy and time-saving.

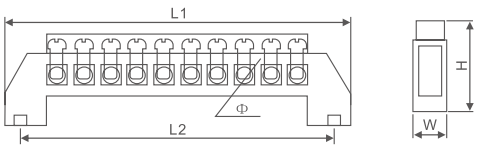


Type	L×W(mm)	H(mm)	T(mm)	Packing
HDS-20	20×20	6.1	5	100 pcs & 1000 pcs
HDS-25	25×25	7.5	6.2	100 pcs & 500 pcs
HDS-30	30×30	8.7	6.4	100 pcs & 500 pcs
HDS-40	40×40	6.4	10.8	100 pcs & 250 pcs

Terminal Block

HC-001

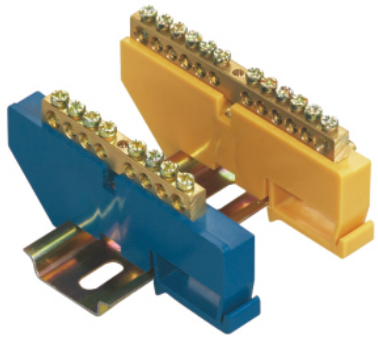


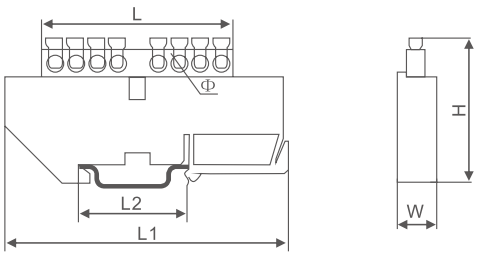


PA, Polyamide 66,94V-2 grade. Flame retarding,
Operating Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Operating Temperature: -20 °C to 100 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
4	6x9	36	59.5	48.5	29	11	6	M4x7	PA,ABS
6	6x9	53	76.5	65.5	29	11	6	M4x7	PA,ABS
8	6x9	70	93.5	82.5	29	11	6	M4x7	PA,ABS
10	6x9	87	110.5	99.5	29	11	6	M4x7	PA,ABS
12	6x9	105	127.5	116.5	29	11	6	M4x7	PA,ABS
4	8x12	44	59.5	48.5	32	12.5	7	M5x10	PA,ABS
6	8x12	54	76.5	65.5	32	12.5	7	M5x10	PA,ABS
8	8x12	71	93.5	82.5	32	12.5	7	M5x10	PA,ABS
10	8x12	87	110.5	99.5	32	12.5	7	M5x10	PA,ABS
12	8x12	108	127.5	116.5	32	12.5	7	M5x10	PA,ABS

HC-002





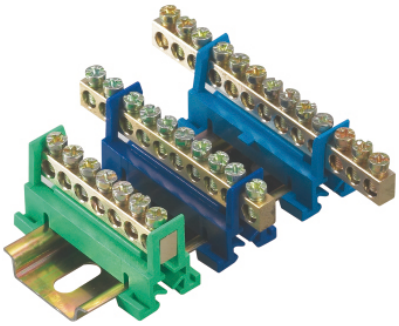
PA, Polyamide 66,94V-2 grade. Flame retarding.
Operating Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Operating Temperature: -20 °C to 100 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

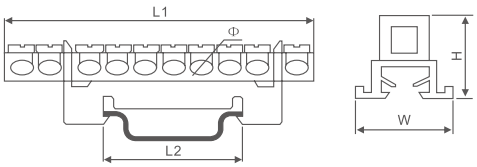
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
8	6x9	60	90	35	43	12	5.2	M4x7	PA,ABS
10	6x9	73	90	35	43	12	5.2	M4x7	PA,ABS
12	6x9	86	90	35	43	12	5.2	M4x7	PA,ABS
14	6x9	99	90	35	43	12	5.2	M4x7	PA,ABS
8	8x12	71	90	35	46	12	6.5	M5x10	ABS,PE
10	8x12	87	90	35	46	12	6.5	M5x10	ABS,PE
12	8x12	103	103	35	46	12	6.5	M5x10	ABS,PE
14	8x12	119	119	35	46	12	6.5	M5x10	ABS,PE

H

Terminal Block

HC-003

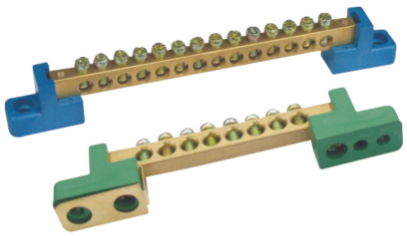


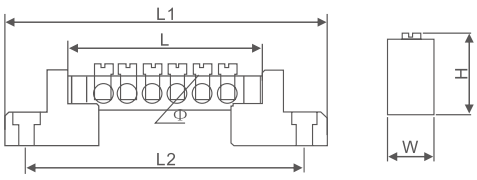


PA, Polyamide 66,94V-2 grade. Flame retarding,
Operating Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Operating Temperature: -20 °C to 100 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
7	6x9	51	51	35	28	22	5.3	M5x8	PA
8	6x9	59	59	35	28	22	5.3	M5x8	PA
10	6x9	72	72	35	28	22	5.3	M5x8	PA
12	6x9	85	85	35	28	22	5.3	M5x8	PA

HC-004



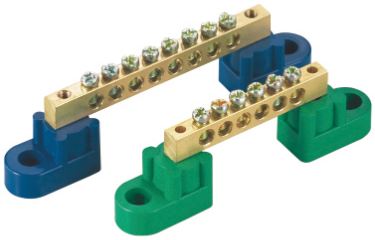


PA, Polyamide 66,94V-2 grade. Flame retarding,
Operating Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Operating Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force.
Operating Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

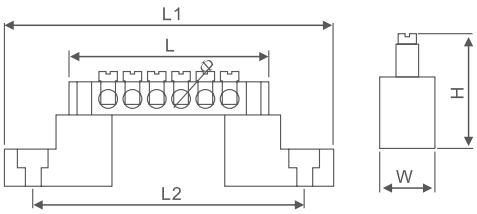
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
6	6x9	53.5	85	72.5	22	12.5	5	M4x7	ABS,PE
7	6x9	60	91.5	79	22	12.5	5	M4x7	ABS,PE
8	6x9	66.5	98	85.5	22	12.5	5	M4x7	ABS,PE
10	6x9	79.5	111	98.5	22	12.5	5	M4x7	ABS,PE
12	6x9	92.5	124	111.5	22	12.5	5	M4x7	ABS,PE
6	8x12	66.5	95.5	82.5	26	12.5	6.5	M5x10	ABS,PE
7	8x12	74.5	103.5	90.5	26	12.5	6.5	M5x10	ABS,PE
8	8x12	82.5	111.5	98.5	26	12.5	6.5	M5x10	ABS,PE
10	8x12	98.5	127.5	114.5	26	12.5	6.5	M5x10	ABS,PE
12	8x12	114.5	143.5	130.5	26	12.5	6.5	M5x10	ABS,PE

Terminal Block

HC-005

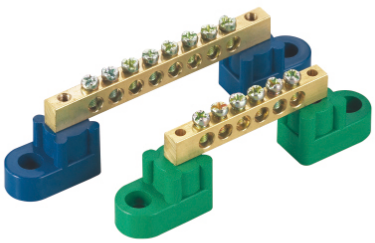


PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

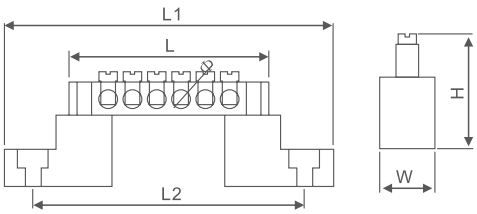


Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
8	6x9	60	90	35	43	12	5.2	M4x7	PA,ABS
10	6x9	73	90	35	43	12	5.2	M4x7	PA,ABS
12	6x9	86	90	35	43	12	5.2	M4x7	PA,ABS
14	6x9	99	90	35	43	12	5.2	M4x7	PA,ABS
8	8x12	71	90	35	46	12	6.5	M5x10	ABS,PE
10	8x12	87	90	35	46	12	6.5	M5x10	ABS,PE
12	8x12	103	103	35	46	12	6.5	M5x10	ABS,PE
14	8x12	119	119	35	46	12	6.5	M5x10	ABS,PE

HC-006



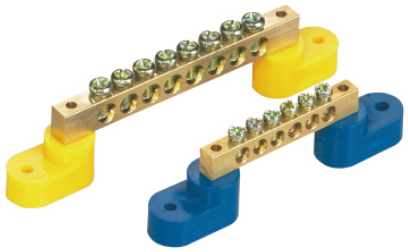
PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.



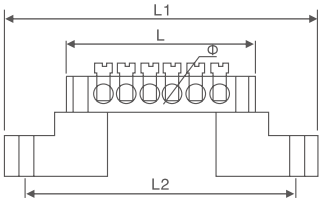
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
7	6x9	51	51	35	32	12	5.3	M5x8	PA
10	6x9	72	72	35	32	12	5.3	M5x8	PA
12	6x9	85	85	35	32	12	5.3	M5x8	PA
15	6x9	104.5	104.5	35	32	12	5.3	M5x8	PA

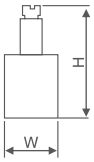
Terminal Block

HC-007



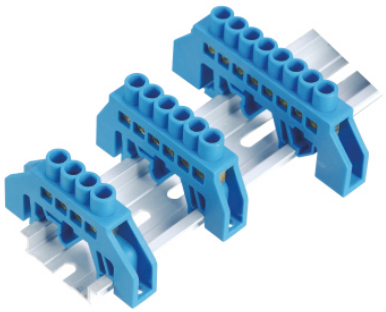
PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.



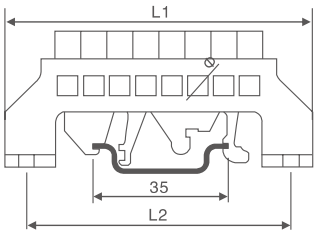


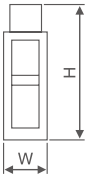
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
6	6x9	53.5	88.5	76.5	27.5	15	5	M4x7	ABS,PE
7	6x9	60	95	83	27.5	15	5	M4x7	ABS,PE
8	6x9	66.5	101.5	89.5	27.5	15	5	M4x7	ABS,PE
10	6x9	79.5	114.5	102.5	27.5	15	5	M4x7	ABS,PE
12	6x9	92.5	127.5	115.5	27.5	15	5	M4x7	ABS,PE
6	8x12	66.5	99.5	87.5	31	15	6.5	M5x10	ABS,PE
7	8x12	74.5	107.5	95.5	31	15	6.5	M5x10	ABS,PE
8	8x12	82.5	115.5	103.5	31	15	6.5	M5x10	ABS,PE
10	8x12	98.5	119.5	119.5	31	15	6.5	M5x10	ABS,PE
12	8x12	114.5	135.5	135.5	31	15	6.5	M5x10	ABS,PE

HC-008



PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.



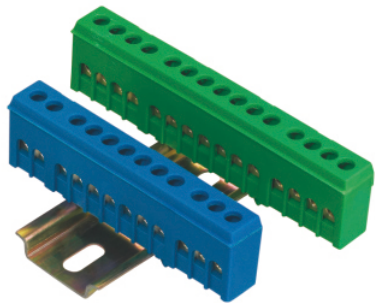


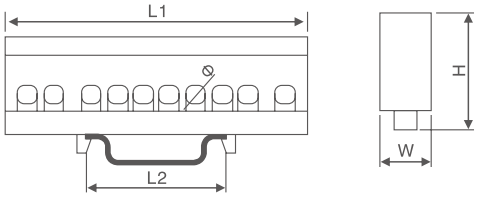
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
4	6x9	27	57	48	35	11	5	M4x7	PA
6	6x9	40	57	48	35	11	5	M4x7	PA
8	6x9	53	78	66	35	11	5	M4x7	PA
10	6x9	66	89	77	35	11	5	M4x7	PA
12	6x9	79	102	90	35	11	5	M4x7	PA

H

Terminal Block

HC-009

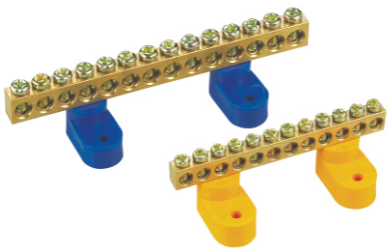


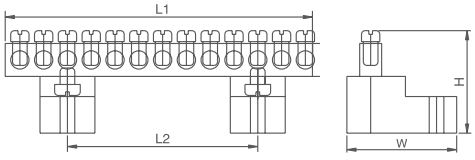


PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
7	6x9	51	55	35	32	14	5.3	M5x8	PA
10	6x9	72	76	35	32	14	5.3	M5x8	PA
12	6x9	85	89	35	32	14	5.3	M5x8	PA
15	6x9	104.5	108.5	35	32	14	5.3	M5x8	PA

HC-010





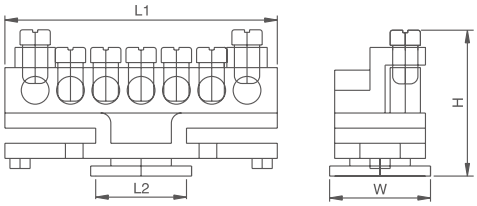
PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
6	6x9	42	42	19.5	28	30	5.3	M4x8	ABS,PE
8	6x9	55	55	19.5	28	30	5.3	M4x8	ABS,PE
10	6x9	68	68	32.5	28	30	5.3	M4x8	ABS,PE
12	6x9	71	71	32.5	28	30	5.3	M4x8	ABS,PE
14	6x9	84	84	32.5	28	30	5.3	M4x8	ABS,PE
6	8x12	46	46	22.5	32	30	6	M5x9	ABS,PE
8	8x12	61	61	22.5	32	30	6	M5x9	ABS,PE
10	8x12	76	76	37.5	32	30	6	M5x9	ABS,PE
12	8x12	91	91	37.5	32	30	6	M5x9	ABS,PE
14	8x12	106	106	137.5	32	30	6	M5x9	ABS,PE

Terminal Block

HC-012



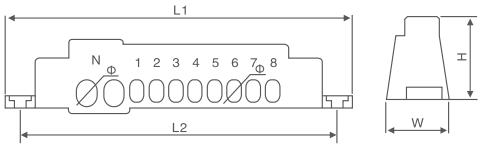


PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
7	6x9	54	54	20	30	120	5.3	M5x8	

HC-013





PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

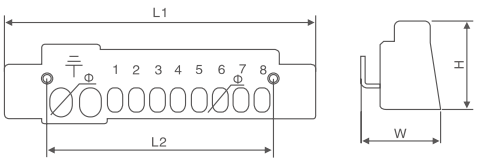
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
4	1.2		90	78	30	22	6(2x8)		PA
6	1.2		105	93	30	22	6(2x8)		PA
8	1.2		120	108	30	22	6(2x8)		PA
10	1.2		135	123	30	22	6(2x8)		PA
12	1.2		150	139	30	22	6(2x8)		PA

Terminal Block

HC-014



PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
PE, Polypropylene, Flame retarding, low transparency,
low rigidity, good bounce impact force. Working Temperature: -30 °C to 110 °C
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.



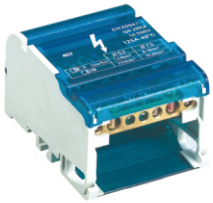
Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
6	1.2		81	51	33	29	6(2x8)		PA
8	1.2		96	66	33	29	6(2x8)		PA
10	1.2		111	81	33	29	6(2x8)		PA
12	1.2		126	96	33	29	6(2x8)		PA
14	1.2		141	111	33	29	6(2x8)		PA

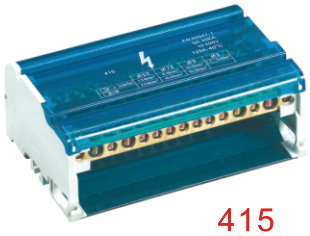
HC-016

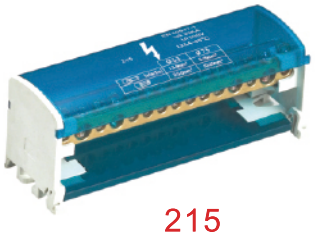
PA,Polyamide 66,94V-2 grade. Flame retarding,Working Temperature: -30 °C to 110 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to the sample picture or customized.


207

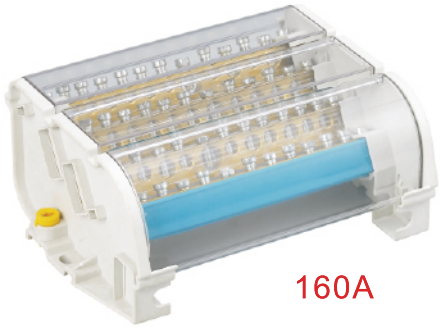

211

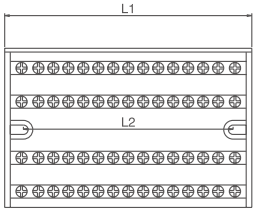

407

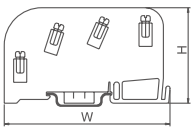

415


215


411


160A



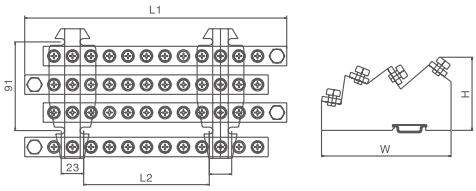


Item No.	Spec.	Rated Current (A)	Rated Voltage (V)	L	L1	H	W	Max. section	Hole. Qty	Plastic setting
	Wxh			mm						
207	6.5x12	125 A	500 V	67	48	50	45	35 mm^2	2x7	PA
211	6.5x12	125 A	500 V	100	86	50	45	35 mm^2	2x11	PA
215	6.5x12	125 A	500 V	134	118	50	45	35 mm^2	2x15	PA
407	6.5x12	125 A	500 V	67	48	50	90	35 mm^2	4x7	PA
411	6.5x12	125 A	500 V	100	86	50	90	35 mm^2	4x11	PA
415	6.5x12	125 A	500 V	134	118	50	90	35 mm^2	4x15	PA
413	8x17	160 A	500 V	180	168	73	138	50 mm^2	4x13	PA

Terminal Block

HC-017

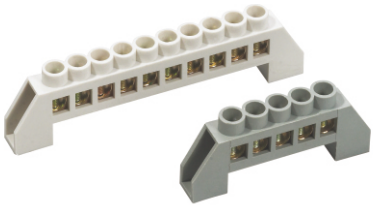


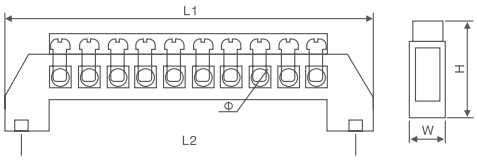


PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Item No.	Spec.	Rated Current (A)	Rated Voltage (V)	L	L1	H	W	Max. section	Hole. Qty	Plastic setting
	Wxh			mm						
420	4x15	200 A	500 V	280	128	115	190	75 mm^2	4x11	PA
420	5x20	250 A	500 V	280	128	115	190	100 mm^2	4x11	PA
420	6x25	400 A	500 V	280	128	115	190	185 mm^2	4x10	PA

HC-018



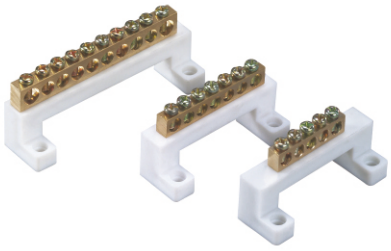


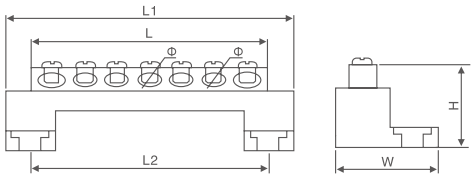
PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Plastic setting
	Wxh	mm							
6	1.2		90	78	30	22	6(2x8)		PA
8	1.2		105	93	30	22	6(2x8)		PA
10	1.2		120	108	30	22	6(2x8)		PA
12	1.2		135	123	30	22	6(2x8)		PA
14	1.2		150	139	30	22	6(2x8)		PA

Terminal Block

HC-022

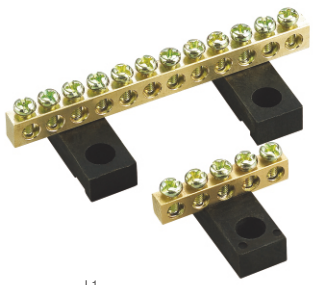


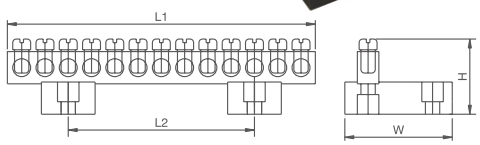


PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Screw size
	Wxh	mm							
5	7x11	42.5	73	60	37	26	6.5(2x7)	M5x8	ABS,PE
7	7x11	58.5	73	60	37	26	6.5(2x7)	M5x8	ABS,PE
10	7x11	82.5	103	90	37	26	6.5(2x7)	M5x8	ABS,PE
5	8x13	52	73	60	40	26	7(2x9)	M5x10	ABS,PE
7	8x13	70	73	60	40	26	7(2x9)	M5x10	ABS,PE
10	8x13	97	103	90	40	26	7(2x9)	M5x10	ABS,PE

HC-023



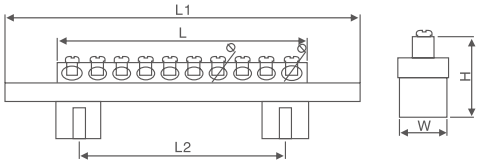


PA, Polyamide 66,94V-2 grade. Flame retarding,
Working Temperature: -30 °C to 110 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Screw size
	Wxh	mm							
6	6x9	42	42	20	21	30	5.3	M4x8	ABS,PE
8	6x9	55	55	20	21	30	5.3	M4x8	ABS,PE
10	6x9	68	68	33	21	30	5.3	M4x8	ABS,PE
12	6x9	71	71	33	21	30	5.3	M4x8	ABS,PE
14	6x9	84	84	33	21	30	5.3	M4x8	ABS,PE

HC-024





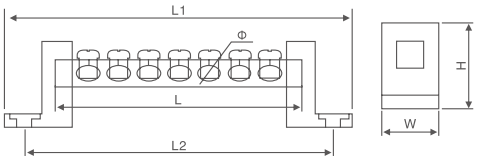
ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Screw size
	Wxh	mm							
5	7x11	42.5	120	70	35	16	6.5(2x7)	M5x8	ABS,PE
7	7x11	58.5	120	70	35	16	6.5(2x7)	M5x8	ABS,PE
10	7x11	82.5	120	70	35	16	6.5(2x7)	M5x8	ABS,PE

Terminal Block

HC-025

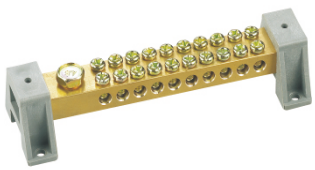


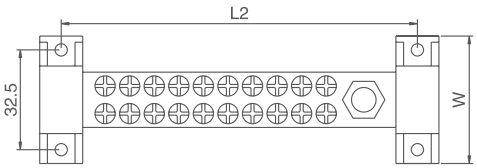


ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Screw size
	Wxh	mm							
3	7x10	33	59.5	49.5	35	15	6.5	M5x9	ABS
4	7x10	41	67.5	57.5	35	15	6.5	M5x9	ABS
5	7x10	49	75.5	65.5	35	15	6.5	M5x9	ABS
6	7x10	57	83.5	73.5	35	15	6.5	M5x9	ABS
7	7x10	65	91.5	81.5	35	15	6.5	M5x9	ABS
8	7x10	73	99.5	89.5	35	15	6.5	M5x9	ABS
10	7x10	90	116.5	106.5	35	15	6.5	M5x9	ABS
12	7x10	106	132.5	122.5	35	15	6.5	M5x9	ABS
15	7x10	130	156.5	146.5	35	15	6.5	M5x9	ABS
3	9x15	46	68	58	35	15	9(2x10)	M5x12	ABS
5	9x15	68	90	80	35	15	9(2x10)	M5x12	ABS
7	9x15	90	112	102	35	15	9(2x10)	M5x12	ABS
8	9x15	101	123	113	35	15	9(2x10)	M5x12	ABS
10	9x15	123	145	135	35	15	9(2x10)	M5x12	ABS
12	9x15	145	1678	157	35	15	9(2x10)	M5x12	ABS
15	8x13	178	200	190	35	15	9(2x10)	M5x12	ABS

HC-026





ABS, good resistance to solvents, good bounce impact force.
Working Temperature: -20 °C to 70 °C.
Brass. Screw is zinc-plated.
Voltage: 250–450 V.
Color: according to sample picture or customized.

Way	Spec.	L	L1	L2	H	W	Φ	Screw size	Screw size
	Wxh	mm							
1+4	9x18	64	82	68	21	29	5.3	M5x8	ABS,PE
1+6	9x18	80	98	20	84	29	5.3	M5x8	ABS,PE
1+8	9x18	96	114	20	100	29	5.3	M5x8	ABS,PE
1+4	12x18	64	82	33	21	29	5.3	M5x8	ABS,PE
1+6	12x18	80	98	33	84	29	5.3	M5x8	ABS,PE
1+8	12x18	96	114	33	100	29	5.3	M5x8	ABS,PE

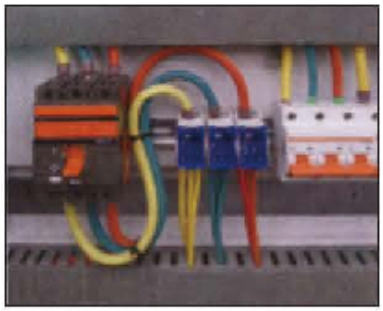
Terminal Block

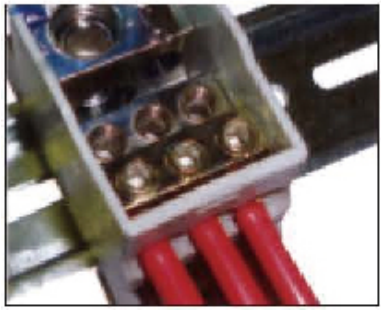
UKK

Summarize and trait

Material: made from PA Nylon.
Flame-Retardant Grade: UL94 V-0
Metal material: brass plated tin
The transparent cover is good to see the cable reliable connection

Item NO.	Current (Amp)	Voltage (V)	Conductors with starfix Terminals Cross-Section(mm²)	Number of Holes (pcs)	Dimensions(L×W×H) (mm)
UKK-80	80 A	690 V IEC	6 to 16 / 2.5 to 6 / 2.5 to 16	×1/ ×4 / ×2	31×70×45.5
UKK-125	125 A	690 V IEC	10 to 35 / 2.5 to 16	×1/ ×7	30×76.5×45.5
UKK-160	160 A	690 V IEC	10 to 70 / 2.5 to 16	×1/ ×7	30×76.5×45.5
UKK-250	250 A	690 V IEC	35 to 120 / 6 to 35 2.5 to 16 / 2.5 to 10	×1/ ×2 / ×5 / ×4	49×95×49
UKK-400	400 A	690 V IEC	95 to 185 / 6 to 35 2.5 to 16 / 2.5 to 10	×1/ ×2 / ×5 / ×4	49×95×49
UKK500	500 A	690 V IEC	4×15.5×0.8 to 8×24 6 to 35 / 2.5 to 16 / 2.5 to 10	×1/ ×2 / ×5 / ×4	49×95×49







UKK-80



UKK-125



UKK-160



UKK-250



UKK-400

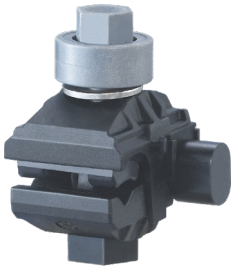


UKK-500

H

Insulation Piercing Connector







General

The insulation piercing connector is mainly composed of a reinforced shell, piercing blade, sealing pad, waterproof silicone grease, high-strength bolt, torque-control nut, and cable terminal cap. When branching or connecting cables, insert the cable branch line terminal into the waterproof terminal cap, determine the position of the main line branch, use a socket wrench to tighten the torque-control nut on the line clamp. During this process, the blade will pierce the cable insulation layer upon contact, making contact with the conductor. The sealing gasket presses around the pierced position of the cable, causing the silicone grease inside the shell to overflow. When the torque reaches the set value, the nut torque mechanism disengages, connecting the main line and the branch line. The waterproof performance and electrical effect meet the standard requirements.

Type designation

JC 041

- 041 — Square line code
- JC — Piercing Wire Connector

Features

Electrical Performance: The current-carrying capacity of the connector is greater than the maximum designed branch line current-carrying capacity, with a DC resistance ratio less than 2.5 times.

Mechanical Performance: The connector remains undamaged under the tensile strength of the conductor. The gripping force of the connector is greater than 1/10 of the conductor's tensile strength, in accordance with the GB/T9327-1988 standard.

Temperature Rise Performance: Under high current conditions, the temperature rise of the connector is lower than that of the connected conductor.

Thermal Cycling Performance: With a current overload of 100A/mm at a rate of 200 times per second , the change in contact resistance is less than 5%, complying with the GB2317-2000 standard.

Waterproof Performance: The installed connector is submerged in water at a depth of 30cm and subjected to a 6kV voltage for 1 minute without breakdown. (Note: For non-waterproof designed connectors, apply 4 kV/1min in air pressure).

Corrosion Resistance: Subjected to 3 cycles of 14 days in a sulfur dioxide and salt spray environment.

Environmental Aging Performance: Exposed to ultraviolet light, dryness, and humidity for six weeks with temperature changes and thermal shocks, meeting the specified criteria.

Fire Resistance: The insulation material of the connector passes the hot wire test, achieving a UL94 V-0 Flame-Retardant Rating for the shell.

Note: (only for fireproof product).

Insulation Piercing Connector

Installation Standard

Electrical Performance: The current-carrying capacity of the connector is greater than the maximum designed branch line current-carrying capacity, with a DC resistance ratio less than 2.5 times .

Mechanical Performance: The connector remains undamaged under the tensile strength of the conductor. The gripping force of the connector is greater than 1/10 of the conductor's tensile strength, in accordance with the GB/T9327-1988 standard.

Temperature Rise Performance: Under high current conditions, the temperature rise of the connector is lower than that of the connected conductor.

Thermal Cycling Performance: With a current overload of 100A/mm at a rate of 200 times per second , the change in contact resistance is less than 5%, complying with the GB2317-2000 standard.

Waterproof Performance: The installed connector is submerged in water at a depth of 30cm and subjected to a 6kV voltage for 1 minute without breakdown. (Note: For non-waterproof designed connectors, apply 4 kV/1min in air pressure).

Corrosion Resistance: Subjected to 3 cycles of 14 days in a sulfur dioxide and salt spray environment.

Environmental Aging Performance: Exposed to ultraviolet light, dryness, and humidity for six weeks with temperature changes and thermal shocks, meeting the specified criteria.

Fire Resistance: The insulation material of the connector passes the hot wire test, achieving a UL94 V-0 Flame-Retardant Rating for the shell.

Note: (only for fireproof product).

Insulation Piercing Connector

1 kV Insulation Piercing Connector

For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

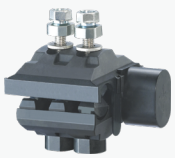
Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC041	Al/Cu 6-35	Al/Cu 1.5-10	6000 V/77 A	M8x45	1.38-7.0	7-9
	JC051	Al/Cu 16-95	Al/Cu 1.5-10	6000 V/77 A	M8x45	1.38-11.5	7-9
	JC101	Al/Cu 6-50	Al/Cu 2.5-35	6000 V/180 A	M8x60	1.8-8.2	9-12
	JC121	Al/Cu 25-95	Al/Cu 2.5-25	6000 V/180 A	M8x60	1.8-11.5	9-12
	JC151	Al/Cu 25-95	Al/Cu 2.5-35	6000 V/200 A	M8x60	1.8-11.5	13-15
	JC201	Al/Cu 25-95	Al/Cu 25-95	6000 V/377 A	M8x78	5.9-11.5	17-19
	JC240	Al/Cu 95-240	Al/Cu 95-240	6000 V/530 A	2 pcs M10x90	11.5-18.3	22-25
	JC241	Al/Cu 50-150	Al/Cu 2.5-35	6000 V/200 A	M8x75	1.8-14.6	17-19

H

Insulation Piercing Connector

1 kV Insulation Piercing Connector

For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC271	Al/Cu 35-120	Al/Cu 35-120	6000 V/437 A	M8x75	7.0-13	17-19
	JC281	Al/Cu 50-185	Al/Cu 2.5-35	6000 V/200 A	M8x75	1.8-16.1	17-19
	JC301	Al/Cu 25-95	Al/Cu 25-95	6000 V/504 A	2 pcs M8x75	5.9-11.5	14-16
	JC371	Al/Cu 35-150	Al/Cu 35-150	6000 V/300 A	M8x90	1.8-16.1	17-19
	JC400/120	Al/Cu 120-400	Al/Cu 25-120	6000 V/679 A	2 pcs M10x100	5.9-23.8	30-32
	JC400	Al/Cu 120-400	Al/Cu 95-240	6000 V/679 A	2 pcs M10x100	11.5-23.8	30-32
	JC401	Al/Cu 50-185	Al/Cu 50-150	6000 V/504 A	2 pcs M8x75	8.2-16.1	17-19
	JC431	Al/Cu 70-240	Al/Cu 16-95	6000 V/504 A	2 pcs M10x90	4.5-18.3	20-23

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Insulation Piercing Connector

1 kV Insulation Piercing Connector

For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

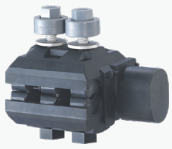
Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC2-95	Al/Cu 16-95	Al/Cu 4-35	6000 V/180 A	M8x70	2.2-11.5	11-14
	JC2-95T	Al/Cu 16-95	Al/Cu 4-50	6000 V/310 A	M8x70	2.2-11.5	13-15
	JC2-150	Al/Cu 50-150	Al/Cu 6-35	6000 V/180 A	M8x70	2.75-14.6	13-15
	JC2-150T	Al/Cu 50-150	Al/Cu 6-50	6000 V/310 A	M8x70	2.75-14.6	13-15
	JC3-95	Al/Cu 25-95	Al/Cu 25-95	6000 V/207 A	M8x75	5.9-11.5	17-22
	JC4-150	Al/Cu 50-150	Al/Cu 50-150	6000 V/239 A	M8x75	8.2-14.6	20-23
	JC6	Al/Cu 120-240	Al/Cu 25-120	4000 V/239 A	M10x100	5.9-18.3	33-37
	JC7	Al/Cu 120-300	Al/Cu 10-95	4000 V/207 A	M10x100	3.5-20.5	33-37
	JCEP	Al/Cu 16-95	Al/Cu 1.5-6	6000 V/70 A	M6x45	1.38-11.5	8-10
	JCEPL	Al/Cu 2.5-35	Al/Cu 1.5-6	6000 V/70 A	M6x45	1.38-7.0	8-10

H

Insulation Piercing Connector

10 kV Insulation Piercing Connector

For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

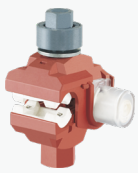
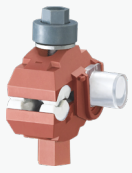
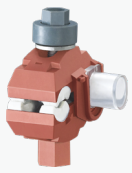
Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC45521	Al/Cu 70-240	Al/Cu 6-35	18000 V/200 A	M10x90	2.75-18.3	18-22
	M10-120	Al/Cu (35)50-120	Al/Cu 50-120	18000 V/437 A	M8x75	8.2-13	18-22
	JC10-185/70	Al/Cu 70-185	Al/Cu 35-70	18000 V/377 A	M10x90	7-16.1	22-27
	JC10-185	Al/Cu 70-185	Al/Cu 70-185	18000 V/530 A	M10x90	9.8-16.1	22-27
	JC10-240	Al/Cu 95-240	Al/Cu 95-240	18000 V/679 A	M10x100	11.5-18.3	32-37
	JC10-120G	Al/Cu 35-120	aluminum grounding ring	18000 V/A	M8x75	7-13	18-22
	JC10-185G	Al/Cu 70-185	aluminum grounding ring	18000 V/A	M10x90	9.8-16.1	22-27
	JC10-240G	Al/Cu 95-240	aluminum grounding ring	18000 V/A	M10x90	11.5-18.3	32-37

H

Insulation Piercing Connector

1 kV fire-resistant connector

For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

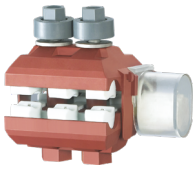
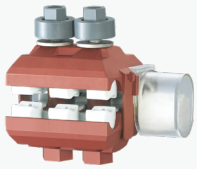
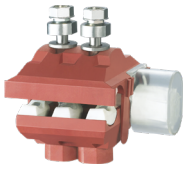
Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC041 FV0	Al/Cu 6-35	Al/Cu 1.5-10	4000 V/77 A	M8x45	1.38-7.0	7-9
	JC051 FV0	Al/Cu 16-95	Al/Cu 1.5-10	4000 V/77 A	M8x45	1.38-11.5	7-9
	JC101 FV0	Al/Cu 6-50	Al/Cu 2.5-35	4000 V/180 A	M8x45	1.8-8.2	9-12
	JC121 FV0	Al/Cu 25-95	Al/Cu 2.5-25	4000 V/180 A	M8x60	1.8-11.5	9-12
	JC151 FV0	Al/Cu 25-95	Al/Cu 2.5-35	4000 V/200 A	M8x60	1.8-11.5	13-15
	JC201 FV0	Al/Cu 25-95	Al/Cu 25-95	4000 V/377 A	M8x75	5.9-11.5	17-19
	JC271FV0	Al/Cu 35-120	Al/Cu 35-120	4000 V/437 A	M8x75	7.0-13	17-19
	JC281 FV0	Al/Cu 50-185	Al/Cu 2.5-35	4000 V/200 A	M8x75	1.8-16.1	17-19

H

Insulation Piercing Connector

1 kV fire-resistant connector

For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

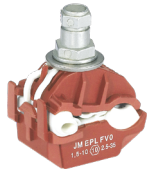
Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC371 FV0	Al/Cu 50-150	Al/Cu 50-150	4000 V/504 A	M8x75	8.2-14.6	17-19
	JC45521 FV0	Al/Cu 70-300	Al/Cu 6-50	4000 V/200 A	M10x90	2.75-20.5	20-22
	JC301 FV0	Al/Cu 25-95	Al/Cu 25-95	4000 V/504 A	2 pcs M8x75	5.9-11.5	14-16
	JC401 FV0	Al/Cu 50-185	Al/Cu 50-150	4000 V/504 A	2 pcs M8x75	8.2-16.1	17-19
	JC431 FV0	Al/Cu 70-240	Al/Cu 16-95	4000 V/504 A	2 pcs M10x90	4.5-18.3	20-23
	JC451 FV0	Al/Cu 95-240	Al/Cu 95-240	4000 V/530 A	2 pcs M10x90	11.5-18.3	22-25
	JC551 FV0	Al/Cu 120-400	Al/Cu 95-240	4000 V/679 A	2 pcs M10x100	11.5-23.8	30-32
	JC2-95 FV0	Al/Cu 16-95	Al/Cu 4-35	4000 V/180 A	2 pcs M8x70	2.2-11.5	11-14

H

Insulation Piercing Connector

1 kV fire-resistant connector

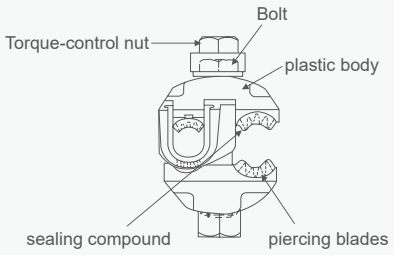
For the connection or branching of insulated conductors with a voltage of up to 1000 volts, the product is suitable for copper or aluminum conductors, or copper-aluminum transitions. The product can be installed while live, using a 13 mm hex socket wrench.

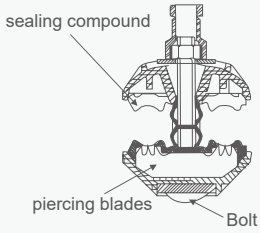
Technical data	Model	Main line(mm^2)	Branch(mm^2)	Nominal Current (V/A)	Bolt(mm)	Conductor diameter(mm)	Tightening Torque (Nm)
	JC2-95T FV0	Al/Cu 16-95	Al/Cu 4-50	4000 V/310 A	M8x70	2.2-11.5	13-15
	JC2-150 FV0	Al/Cu 50-150	Al/Cu 6-35	4000 V/180 A	M8x70	2.75-14.6	13-15
	JC3-95 FV0	Al/Cu 25-95	Al/Cu 25-95	4000 V/207 A	M8x75	5.9-11.5	18-20
	JC4-150 FV0	Al/Cu 50-150	Al/Cu 50-150	4000 V/239 A	M8x75	8.2-14.6	20-23
	JC6 FV0	Al/Cu 120-240	Al/Cu 25-120	4000 V/239 A	M10x100	5.9-18.3	33-37
	JCEP FV0	Al/Cu 16-95	Al/Cu 1.5-6	4000 V/70 A	M6x45	1.38-11.5	8-10
	JCEPL FV0	Al/Cu 2.5-35	Al/Cu 1.5-6	4000 V/70 A	M6x45	1.38-7.0	8-10

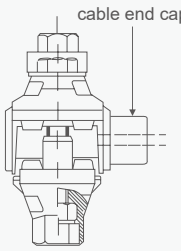
H

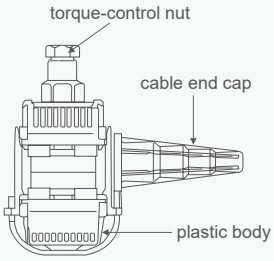
Insulation Piercing Connector

Structure

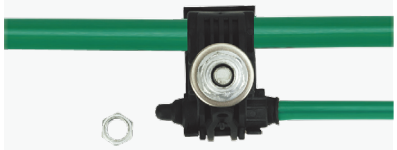








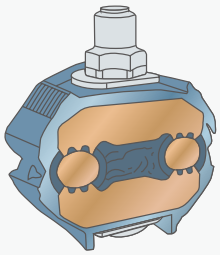
• Installation Appearance Diagram



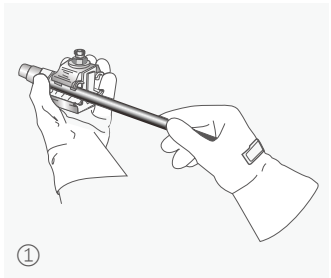
• Piercing effect diagram

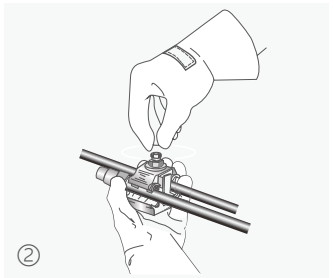


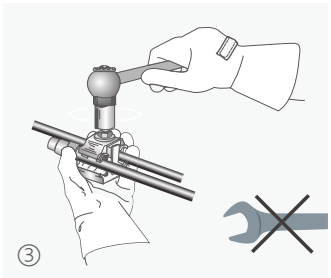
• Section diagram of piercing effect

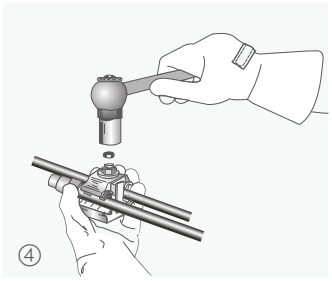


Installation diagram









1. Insert the branch line into the connector housing.
2. Secure the connector at the main line connection point, then tighten the torque-control nut by hand.
3. Select the appropriate hex socket wrench size based on the torque-control nut dimensions and vertically tighten the torque-control nut until the torque-control nut breaks off.

Note: When encountering thicker or harder cable insulation layers, after the torque-control nut breaks off, consider adding an additional 1-3 turns as needed.

H

YCHM-1.2 Rechargeable DIN Rail Cutting Machine



General

1. Lithium ion wireless, all scenario operation
2. Slippery precision cutting,higher quality incision
3. The slide type running trajectory is stable and does not deviate, with high cutting accuracy and a smooth cut without burrs or deformation

Technical data

Product Model	YCHM-1.2
Cutting range	Cutting of C45 rails for iron/aluminum below 1.2 mm
Weight	0.88kg