TDGC2, TDGC2J, TSGC2, TSGC2J Voltage Regulator

General

This product is designed and developed with the international advanced compersation technology. It can keep the output voltage steady state automatically when the network voltage is fluctuated or the load current is varied, which can ensure the consumer run smoothly. It has the advantage of large capacity, high efficiency, no waveform distortion, simple operation and maintenance, reliable running, full-capacity output under tower input voltage if compared with other voltage stabilizer. It is provided with over-voltage, over-current, phase sequence and so on protection function.

It is suitable for electric supply in small-sized plant, workshop and department in middle, large-sized mining enterprise, it can be widely used in the precision machine tool, precision instrument, test device, elevator, imported electromechanical device, production flow-lime in the mining enterprise, oil field, railway, building site, school, hospital, hotel, scientific research department and so on, it is also suitable for the user in the user in the LV electric network end with low power voltage and big wave range.

Type designation

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- Applicable area (TH-for wet tropical zone, TA-dry tropical zone)
- Rated capacity (kVA)
- Designation No.
- Contact type ("o" type)
- Dry type self cooling
- No. of phase (S-three phases, D-single phase)
- Power Supplies

TDGC2, TDGC2J, TSGC2, TSGC2J Voltage Regulator

Specifications & overall dimensions (mm)

TDGC2, TSGC2 Series contact voltage regulator

Specification & Capacity	Max output capacity (KVA)	Rated input voltage (V)	Rated output voltage (V)	Max output current (A)	Overall size (W×D×L) (mm)	QTY pcs	Package size (W×D×L) (mm)	Net weight (kg)	Gross weight (kg)	Phase
TDGC2-0.2	0.2	220V	0-250V	0.8	105×130×130	12	380×347×350	25	26.5	1
TDGC2-0.5	0.5			2	125×150×130	8	380×347×350	27	28	
TDGC2-1	1.0			4	180×200×210	4	435×255×465	25	26	
TDGC2-2	2.0			8	180×200×210	4	435×255×465	31.5	33	
TDGC2-3	3.0			12	210×230×235	2	490×275×270	21.5	23	
TDGC2-5	5.0			20	240×285×250	1	330×275×290	17.5	18	
TDGC2-10	10.0			40	240×335×400	1	390×295×505	34	40	
TDGC2-15	15.0			60	240×335×560	1	390×295×650	50	58	
TDGC2-20	20.0			80	240×340×590	1	390×295×650	53	60	
TSGC2-1.5	1.5	380V	0-430V	2	125×180×340	1	200×260×400	9.8	12	3
TSGC2-3	3.0			4	180×250×430	1	300×220×510	17	21.5	
TSGC2-6	6.0			8	180×250×460	1	300×220×560	22	27	
TSGC2-9	9.0			12	210×250×590	1	320×260×580	29	35	
TSGC2-15	15.0			20	240×330×560	1	390×295×650	48	56	
TSGC2-20	20.0			26.5	240×330×580	1	390×295×650	53	60	
TSGC2-30	30.0			40	350×420×1060	1	440×450×1170	138	150	

TDGC2J, TSGC2J Series contact voltage regulator

Specification & Capacity	Max output capacity (KVA)	Rated input voltage (V)	Rated output voltage (V)	Max output current (A)	Overall size (W×D×L) (mm)	QTY pcs	Package size (W×D×L) (mm)	Net weight (kg)	Gross weight (kg)	Phase
TDGC2J-0.5	0.5	220V	0-250V	2	130×150×160	8	330×295×455	30	31.5	1
TDGC2J-1	1.0			4	185×200×215	4	430×395×275	26	27.5	
TDGC2J-2	2.0			8	230×240×215	2	460×250×245	18	19.5	
TDGC2J-3	3.0			12	265×270×215	2	490×280×255	26	27	
TDGC2J-5	5.0			20	350×395×260	1	430×430×340	25	29	
TDGC2J-7	7.0			28	350×39*0×260	1	430×430×340	27	30.5	
TDGC2J-10	10.0			40	350×410×420	1	430×430×500	47.5	51	
TDGC2J-15	15.0			60	350×410×570	1	430×430×690	67	73	
TDGC2J-20	20.0			80	350×410×570	1	430×430×690	80	86	
TDGC2J-30	30.0			120	350×410×1080	1	440×440×1170	138	150	
TSGC2J-1.5	1.5	380V	0-430V	2	130×150×420	1	200×260×510	11	14.5	3
TSGC2J-3	3.0			4	200×185×510	1	210×230×570	19.5	22.5	
TSGC2J-6	6.0			8	230×240×510	1	280×280×570	28	32.5	
TSGC2J-9	9.0			12	265×270×510	1	285×330×590	39	44	
TSGC2J-15	15.0			20	350×395×570	1	440×430×690	66	72	
TSGC2J-20	20.0			27	350×395×570	1	440×430×690	80	86	
TSGC2J-30	30.0			40	350×430×1060	1	440×450×1170	138	150	

Note:
1. TDGC2, TSGC2 series products are same with the TDGC2J, TSGC2J series.
2. The said overall size and weight are for reference only.

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