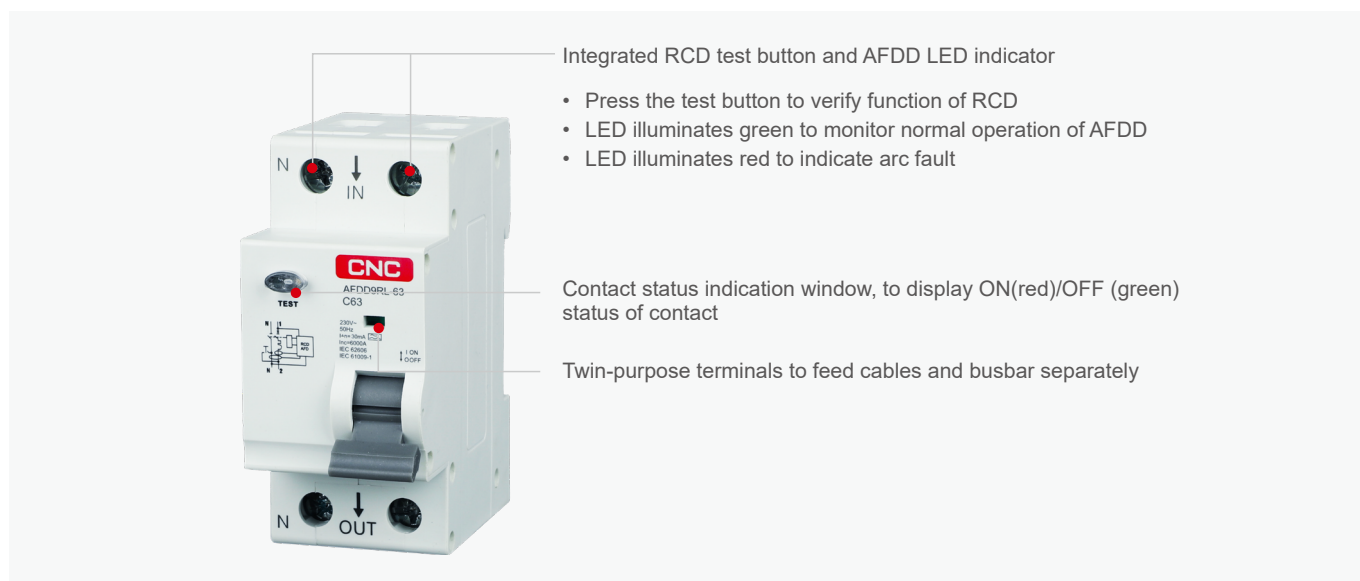


## Final Distribution

# AFDD9RL-63 Arc Fault Detection Device ( AFDD+RCBO )



## General

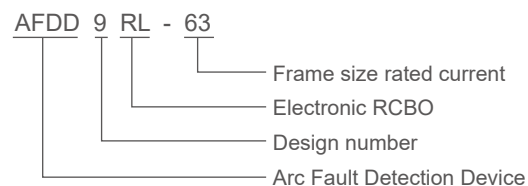
The AFDD9RL-63 series Arc Fault Detection Device are assembled by residual current circuit breakers (RCBO) and arc detection modules. The AFDD9RL-63 Arc Fault Detection Device possess the functions of short-circuit protection, overload protection, residual current protection and arc-fault protection. They are suitable for being installed in branch circuits and can quickly cut off the circuits to play a protective role when over-current, short-circuit, leakage or arc-fault occurs in the branch circuits.

## LED Indication

LED illumination for AFDD operation and arc fault identification

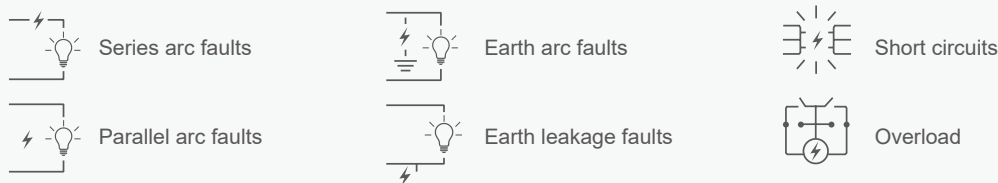
1. LED turns GREEN , AFDD is operating properly
2. LED flashes in RED for 5 times when AFDD is re-closed after tripping, the tripping is caused arc fault.
3. LED turns GREEN when AFDD is reclosed after tripping, the tripping is caused by either overload, short circuit or earth leakage fault.
4. LED flashes in RED, AFDD is operating improperly and shall be replaced by professionals.

## Type designation



## Maximum Protection

AFDD9RL-63 offers maximum protection against



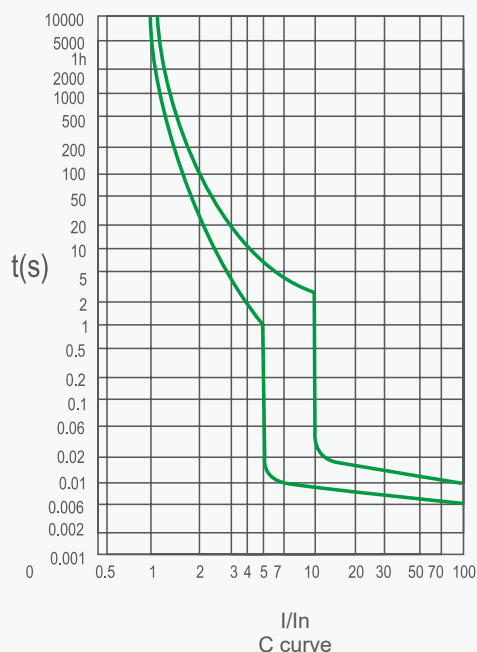
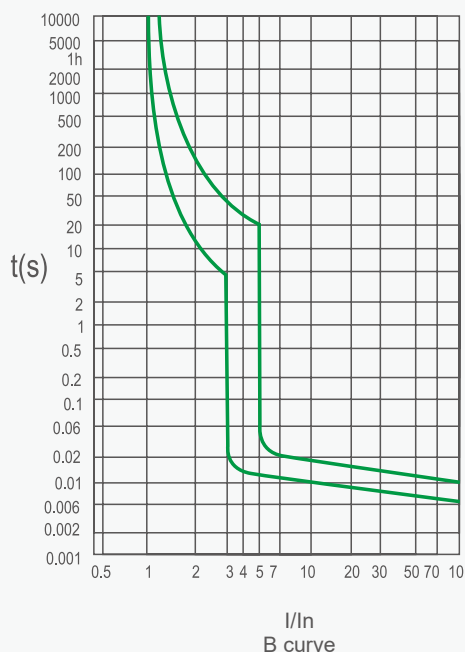
## Final Distribution

# AFDD9RL-63 Arc Fault Detection Device ( AFDD+RCBO )

### Technical data

Content	Technical data
Rated voltage $U_e, V$	AC230/240
Approvals	CE
Rated frequency, Hz	50
Rated insulation voltage $U_i, V$	500
Rated impulse withstand voltage $U_{imp}, V$	4000
Rated current $I_n, A$	6, 10, 16, 20, 25, 32, 40, 50, 63
Number of poles	1P+N (N-pole disconnectable)
Instantaneous tripping type	B, C
Sensitivity $I_{\Delta n}, mA$	10, 30, 100
type of RCBO	AC, A
Rated short circuit breaking capacity $I_{cn}, A$	6000
Mechanical and electrical endurance, cycles	4000
Protection degree	IP20
Ambient temperature, °C	-25~+40
Standards	IEC 62606, IEC61009-1
RCD tripping type	Electronic

### Tripping curves



**Final Distribution**

**AFDD9RL-63 Arc Fault Detection Device ( AFDD+RCBO )**

**Overall and mounting dimensions(mm)**

