

RCBO EKL5-63(H)

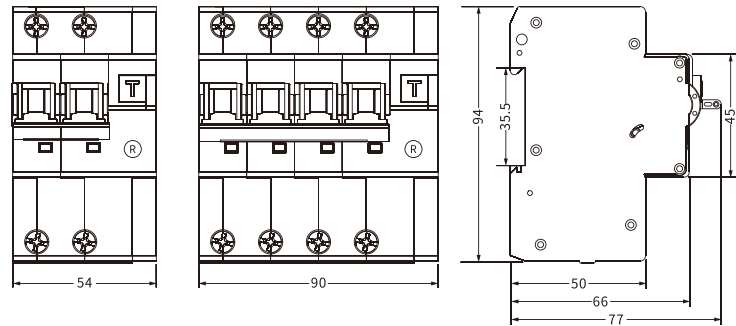


RCCB with Overcurrent Protection

Standard_IEC61009-1



Overall and Installation Dimension(mm)



Technical Data

Standard	IEC/EN 61009-1
Protection	Ground fault, Overcurrent and short circuit, Over-voltage(selectable)
Type of trip	Ground fault : Electronic Overload and short circuit :Thermo-magnetic
Residual current type	AC,A,S
No. of poles	1P+N 3module , 3P+N 5module (with switched neutral)
Rated voltage (Ue)	1P+N:230/240V~,3P+N:400/415V~
Rated currents (In)	6,10,16,20,25,32,40,50,63A
Rated sensitivity currents (I Δ n)	10,30,100,300mA
Residual current off-time under (I Δ n)	≤ 0.1s
Rated residual making and breaking capacity (I Δ m)	500A(In≤50A), 10In(In>50A)
Rated frequency	50/60Hz
Rated short-circuit capacity (Icn)	EKL5-63: 6kA, EKL5-63H: 10kA
Energy limiting class	3
Rated impulse withstand voltage (Uimp) (1.2/50 μ s)	4kV
Dielectric test voltage	2kV (50/60Hz, 1 min.)
Thermal tripping characteristics	(1.13-1.45) x In
Instantaneous tripping characteristics	B:(3-5) x In, C:(5-10) x In, D:(10-20) x In
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	green OFF / red ON
Protection degree	IP20
Ambient temperature	-25°C to +55°C, Max.95% humidity
Terminal connection type	Cable/Pin-type busbar/Fork-type busbar
Max. terminal size for cable	25mm ²
Max. tightening torque	2.5N.m
Installation	Mounting on 35mm DIN rail
Incoming method	From top