

EKL21-63M Economic Type RCCB 4.5/6kA

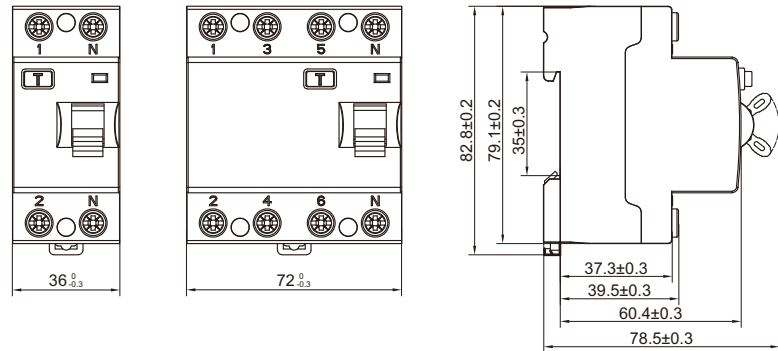
ETEK®

Small Size Residual Current Circuit Breaker

Standard_IEC61008-1



Circuit Diagram and Dimension(mm)



Technical Data

Standard	IEC/EN61008-1
Protection	Ground fault
Type of trip	Electro-magnetic
Type of protection (electric leakage)	AC,A,G,S
No.of poles	2P(1P+N), 4P(3P+N)
Rated voltage (Ue)	1P+N: 230/240V~, 3P+N:400/415V~
Rated currents (In)	16,25,32,40,63A
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 breaking capacity	4,500/6,000A
SCPD fuse	4500 6000
Rated impulse withstand voltage(1.2/50) (Uimp)	4,000V
Dielectric test voltage at Ind. Freq.for 1 min	2.5kV
Electrical life	2,000 Cycles
Mechanical life	4,000 Cycles
Contact position indicator	Yes
Protection degree	IP20
Ambient temperature	-25°C to +40°C, Max.95% humidity
Terminal connection type	Cable/Pin-type busbar
Max.terminal size for cable	16mm ²
Max.tightening torque	2N.m
Installation	Mounting on 35mm DIN rail
Connection	From top and bottom
Matching MCB	EKM2-63M
Operating mechanism	Plastic structure