

RCCB Type EV EKL6-63EV

ETEK®

Residual Current Circuit Breaker

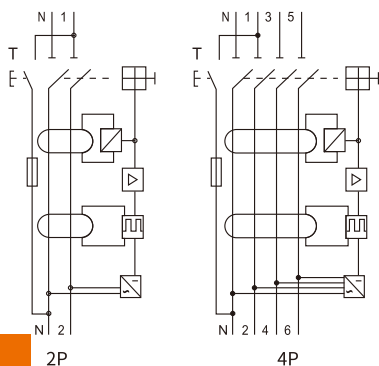
Standard IEC61008-1
IEC62955



Technical Data

Standard	IEC61008-1, IEC62955
Protection	Ground fault
Type of trip	Electro-magnetic
Type of protection (electric leakage)	A
No. of poles	2P(1P+N), 4P(3P+N), N Pole on left
Insulation voltage U_i	500V
Rated currents (In)	16,25,32,40,63A
Rated sensitivity currents $I_{\Delta n}$	30mA
Rated residual operating current ($I_{\Delta dc}$)	6mA
Residual current off-time under $I_{\Delta n}$	$\leq 0.1s$
Rated residual making and breaking capacity ($I_{\Delta m}$)	500A ($I_n \leq 50A$), 10In ($I_n > 50A$)
Rated voltage (U_e)	2P: 240V~, 4P: 415V~
Rated frequency	50/60Hz
Rated breaking capacity	10,000A
SCPD fuse	10000
Rated impulse withstand voltage (1.2/50) U_{imp}	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
Ground fault indicator	Yes
Protection degree	IP20
Ambient temperature	-25°C to +55°C, Max.95% humidity
Terminal connection type	Cable/Pin-type busbar/U-type busbar
Max. terminal size for cable	35mm ²
Max. tightening torque	2.5N.m
Installation	Mounting on 35mm DIN rail
Connection	From top and bottom

Circuit Diagram



Dimension (mm)

