

RCCB Type B EKL6-100B



Residual Current Circuit Breaker

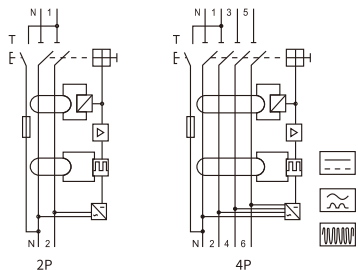
Standard_ IEC61008-1
IEC62423



Technical Data

Standard	IEC61008-1, IEC62423
Protection	Ground fault
Type of trip	Electro-magnetic
Type of protection (electric leakage)	B
No. of poles	2P(1P+N), 4P(3P+N), N Pole on left
Rated voltage (Ue)	2P(1P+N):110/230/240V~, 4P(3P+N):240/400/415V~
Insulation voltage Ui	500V
Rated currents (In)	16,25,32,40,63,80,100A
Rated sensitivity currents $I_{\Delta n}$	30,100,300mA
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 frequency	50/60Hz
Rated breaking capacity	10,000A
SCPD fuse	10000
Rated impulse withstand voltage(1.5/50) 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
Ground fault indicator	Yes
Protection degree	IP20
Ambient temperature	-25°C to +40°C, Max.95% humidity
Terminal connection type	Cable/Pin-type busbar/Fork-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



Overall and Installation Dimension(mm)

