

EKL1-63 6KA RCCB EKL1-63H 10KA RCCB

ETAK®

Residual Current Circuit Breaker

Standard_ IEC61008-1



Technical Data

Electrical Features	Mode	Electromagnetic
	Type	AC,A,G,S
	Rated current I_n	16,25,32,40,63,80A
	Poles	2P(1P+N),4P(3P+N)
	Rated voltage U_e	2P 240V~
		4P 415V~
	Insulation voltage U_i	500V
	Rated frequency	50/60Hz
	Rated residual operation current($I_{\Delta n}$)	10,30,100,300mA
	Rated residual making and breaking capacity ($I_{\Delta m}$)	500A($I_n \leq 40A$), 10In($I_n > 40A$)
	Short-circuit current $I_{nc} = I_{\Delta c}$	EKL1-63 6,000A
		EKL1-63H 10,000A
	SCPD fuse	EKL1-63  6000
		EKL1-63H  10000
	Break time under $I_{\Delta n}$	$\leq 0.1s$
	Rated impulse withstand voltage(1.5/50) U_{imp}	4000V
	Dielectric test voltage at ind.Freq. for 1min	2.5kV
	Electrical life	2,000 Cycles
	Mechanical life	4,000 Cycles

Installation	Contact position indicator	Yes
	Protection degree	IP20
	Ambient temperature(with daily average $\leq 35^\circ C$)	$-5^\circ C \sim +40^\circ C$
	Storage temperature	$-25^\circ C \sim +70^\circ C$
	Terminal connection type	Cable/Pin-type busbar/U-type busbar
	Terminal size top/bottom for cable	25mm ² 18-3AWG
	Terminal size top/bottom for busbar	25mm ² 18-3AWG
	Tightening torque	2.5Nm 22In-lbs
	Mounting	On DIN rail EN60715(35mm) by means of fast clip device
	Connection	Power supply in both directions