

MCB EKM3-63 6kA



Mini Circuit Breaker

Standard_ IEC60898-1
IEC60947-2



Technical Data

Standard	IEC/EN60898-1	IEC/EN60947-2
Protection	Overcurrent and short circuit	
Type of trip	Thermo-magnetic	
No.of poles	1P,1P+N,2P,3P,3P+N,4P	
Rated currents I_n	1,2,3,4,5,6,10,16,20,25,32,40,50,63A	
Rated voltage U_e	240/415V~	
Rated frequency	50/60Hz	
Rated breaking capacity	6,000A	
Energy Limiting Class	3	
Rated impulse withstand voltage(1.5/50) U_{imp}	6,000V	
Dielectric test voltage at Ind. Freq.for 1 min	2kV	
Thermal release characteristic	$(1.13-1.45) \times I_n$	$(1.05-1.30) \times I_n$
Magnetic release characteristic	B: $(3-5) \times I_n$, C: $(5-10) \times I_n$	$(8-12) \times I_n$
Electrical life	8,000 Cycles	
Mechanical life	20,000 Cycles	
Contact position indicator	Yes	
Protection degree	IP20	
Ambient temperature	-5°C to $+40^{\circ}\text{C}$ Max.95%humidity	
Terminal connection type	Cable/Pin-type busbar	
Max.terminal size for cable	25mm ²	
Max.tightening torque	2.5N.m	
Installation	Mounting on 35mm DIN rail	
Connection	From top and bottom	

Overall and Installation Dimension(mm)

