

DC MCB EKM1-63DC

ETAK®

Mini Circuit Breaker

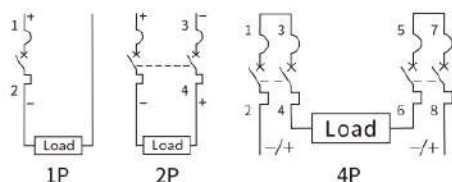
Standard_IEC60947-2



Technical Data

Standard	IEC/EN60947-2
Protection	Overcurrent and short circuit
Type of trip	Thermo-magnetic
No. of poles	1P, 2P, 4P
Rated currents (In)	6, 10, 16, 20, 25, 32, 40, 50, 63A
Rated voltage (Ue)	1P(250VDC), 2P(500VDC), 4P(1000VDC)
Rated insulation voltage (Ui)	500V
Rated breaking capacity	6,000A
Rated impulse withstand voltage (1.2/50) Uimp	4,000V
Dielectric test voltage at Ind. Freq. for 1 min	3kV
Thermal release characteristic	$(1.05-1.30) \times I_n$
Magnetic release characteristic	$(8-12) \times I_n$
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	Yes
Protection degree	IP20
Ambient temperature	-5°C to +40°C, Max. 95% humidity
Terminal connection type	Cable/Pin-type busbar/Fork-type busbar
Max. terminal size for cable	25mm ²
Max. tightening torque	2.5N.m
Installation	Mounting on 35mm DIN rail
Connection	According to the wiring diagram

Circuit Diagram



Overall and Installation Dimension(mm)

