

DC MCB EKM2-125DC

ETEK®

Mini Circuit Breaker

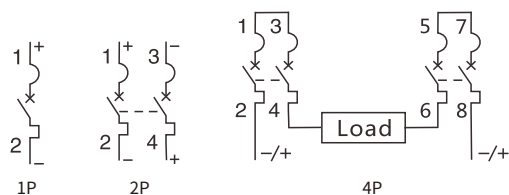
Standard_IEC60947-2



Technical Data

Standard	IEC/EN 60947-2
Protection	Overcurrent and short circuit
Type of trip	Thermo-magnetic
No. of poles	1P, 2P, 4P
Rated voltage (Ue)	250VDC(1P), 500VDC(2P), 1000VDC(4P)
Rated insulation voltage (Ui)	500V(1P, 2P), 1000V(4P)
Rated currents (In)	16, 20, 25, 32, 40, 50, 63, 80, 100, 125A
Rated short-circuit breaking capacity (Ics=Icn)	6kA/10kA, Cat. A
Rated impulse withstand voltage (Uimp) (1.2/50μs)	4kV
Dielectric test voltage	3kV (50/60Hz, 1 min.)
Thermal tripping characteristics	(1.05-1.30) x In
Instantaneous tripping characteristics (fixed)	Ii=10In
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	green OFF / red ON
Protection degree	IP20
Ambient temperature	-5°C to +40°C, Max.95% humidity
Terminal connection type	Cable/Pin-type busbar
Max. terminal size for cable	50mm ²
Max. tightening torque	3.5N.m
Installation	Mounting on 35mm DIN rail
Incoming method	According to the wiring diagram

Circuit Diagram



Dimension(mm)

