

## DC MCB EKM1-63DC

**ET3K**

Mini Circuit Breaker

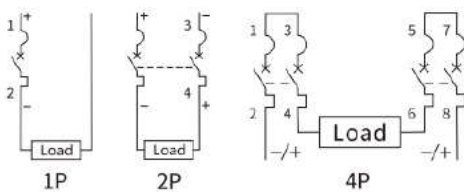
Standard\_IEC60947-2



### 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) x In
Magnetic release characteristic	(8-12) x In
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 <sup>2</sup>
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)

