

E Series MCB EKM12-63X

ETEK®

Mini Circuit Breaker

Standard_IEC60898-1



Technical Data

Standard	IEC/EN 60898-1
Protection	Overcurrent and short circuit
Type of trip	Thermo-magnetic
No. of poles	1P,2P,3P,4P
Rated voltage (Ue)	240/415V~
Rated currents (In)	1,2,3,4,5,6,8,10,13,16,20,25,32,40,50,63A
Rated frequency	50/60Hz
Rated short-circuit capacity (Icn)	6kA
Rated impulse withstand voltage (Uimp) (1.2/50μs)	4kV
Dielectric test voltage	2kV (50/60Hz, 1 min.)
Thermal tripping characteristics	1.13 x In No tripping within an hour; 1.45 x In Tripping within an hour
Instantaneous tripping characteristics	B:(3-5) x In, C:(5-10) x In, D:(10-20) x In
Electrical life	4,000 Cycles
Mechanical life	10,000 Cycles
Contact position indicator	green OFF / red ON
Protection degree	IP20
Ambient temperature	-25°C to +55°C, Max.95% humidity
Terminal connection type	Cable/Pin-type busbar
Max. terminal size for cable	16mm ² flexible/25mm ² rigid
Max. tightening torque	2.5N.m
Installation	Mounting on 35mm DIN rail
Incoming method	Bi-Directional

Dimension (mm)

