

TECS Miniature Circuit Breakers (MCB) For 2-63A

EP SERIES 6/10kA



Functions

Protection against overloads and short circuits, switching and isolation

Application

For use in commercial and industrial electrical distribution systems

Standards and Certificates

EP06	IEC 60898-1 KEMA, SEMKO, CE
EP10	IEC 60898-1 & IEC60947-2 KEMA, SEMKO, CE, ABS



Specifications

Rated Voltage	Phase to Neutral 230/240V / Phase to Phase 400/415V~
Characteristics	B Curve (3~5I _n) / C Curve (5~10I _n) / D Curve (10~20I _n)
Capacity	6kA and 10kA
Poles	1P / 2P / 3P / 4P
Ampere	2 / 4 / 6 / 10 / 16 / 20 / 25 / 32 / 40 / 50 / 63 A
Frequency	50/60Hz
Calibration Temperature	30°C
Operating Temperature	-25°C to +45°C
Protection Degree	IP20
Electrical Endurance	> 8,000 cycles
Mechanical Endurance	> 20,000 cycles
Weight	1P = 103g / 2P = 207g / 3P = 311g / 4P = 415g (EP06) 1P = 115g / 2P = 231g / 3P = 347g / 4P = 464g (EP10)

Wiring Capacity

Rigid Conductor	35mm ² Maximum(6kA) / 35mm ² Maximum(10kA)
Flexible Conductor	25mm ² Maximum(6kA) / 25mm ² Maximum(10kA)

Dimension

