

# MCB EKM3-125H 10kA



Mini Circuit Breaker

Standard IEC60898-1  
IEC60947-2



## Technical Data

|  |  |                          |
|--|--|--------------------------|
| Standard                                       | IEC/EN60898-1                                    | IEC/EN60947-2            |
| Protection                                     | Overcurrent and short circuit                    |                          |
| Type of trip                                   | Thermo-magnetic                                  |                          |
| No.of poles                                    | 1P,2P,3P,4P,1P+N,3P+N                            |                          |
| Rated voltage (Ue)                             | 240/415V~  |                          |
| Rated currents (In)                            | 63,80,100,125A                                   |                          |
| Rated frequency                                | 50/60Hz  |                          |
| Rated breaking capacity                        | 6,000A   | 10,000A                  |
| Rated impulse withstand voltage(1.2/50) (Uimp) | 4,000V   |                          |
| Dielectric test voltage at Ind. Freq.for 1 min | 2kV  |                          |
| Thermal release characteristic                 | $(1.13-1.45) \times I_n$                         | $(1.05-1.30) \times I_n$ |
| Thermo-magnetic release characteristic         | C: $(5-10) \times I_n$ , D: $(10-20) \times I_n$ | $(8-12) \times I_n$      |
| 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                            |                          |
| Max.terminal size for cable                    | 50mm <sup>2</sup>                                |                          |
| Max.tightening torque                          | 3.5N.m   |                          |
| Installation                                   | Mounting on 35mm DIN rail                        |                          |
| Connection                                     | From top and bottom                              |                          |

## Overall and Installation Dimension(mm)

