

# MCB EKM3-63S 4.5kA



Mini Circuit Breaker

Standard\_IEC60898-1



## Technical Data

|  |   |
|--|---|
| Standard                                       | IEC/EN60898-1                               |
| 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)                            | 1,2,3,4,5,6,10,16,20,25,32,40,50,63A        |
| Rated frequency                                | 50/60Hz                                     |
| Rated breaking capacity                        | 4,500A                                      |
| 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) x In                            |
| Magnetic release characteristic                | 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                     | 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                    | 25mm <sup>2</sup>                           |
| Max.tightening torque                          | 2.5N.m                                      |
| Installation                                   | Mounting on 35mm DIN rail                   |
| Connection                                     | From top and bottom                         |

## Overall and Installation Dimension(mm)

