

# MCB EKM3-63 6kA



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)                            | 1,2,3,4,5,6,10,16,20,25,32,40,50,63A |                  |
| Rated frequency                                | 50/60Hz                              |                  |
| Rated breaking capacity                        | 6,000A                               |                  |
| Energy Limiting Class                          | 3                                    |                  |
| Rated impulse withstand voltage(1.2/50) (Uimp) | 6,000V                               |                  |
| Dielectric test voltage at Ind. Freq.for 1 min | 2kV                                  |                  |
| Thermal release characteristic                 | (1.13-1.45) x In                     | (1.05-1.30) x In |
| Magnetic release characteristic                | B:(3-5) x In, C:(5-10) x In          | (8-12) x In      |
| Electrical life                                | 8,000 Cycles                         |                  |
| Mechanical life                                | 20,000 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)

