Residual-current circuit breaker trip block for FAZ, 40A, 2p, 30mA, type AC, 400V $\,$



Part no. FBSMV-40/2/003-400 180632

| General specifications | |
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| Product name | Eaton Moeller series xEffect - FBSmV RCCB add-on unit |
| Part no. | FBSMV-40/2/003-400 |
| EAN | 4015081757978 |
| Product Length/Depth | 90 millimetre |
| Product height | 75 millimetre |
| Product width | 70 millimetre |
| Product weight | 0.174 kilogram |
| Compliances | RoHS conform |
| Certifications | IEC 61373 EN45545-2 IEC/EN 61009 |
| Product Tradename | FBSmV |
| Product Type | RCCB add-on unit |
| Product Sub Type | None |
| Delivery program | |
| Application | Switchgear for industrial and advanced commercial applications xEffect - Switchgear for industrial and advanced commercial applications |
| Number of poles | Two-pole |
| Tripping time | Non-delayed |
| Amperage Rating | 40 A |
| Rated short-circuit strength | Same as connected FAZ up to max. 10 kA |
| Fault current rating | 30 mA |
| Sensitivity type | AC current sensitive |
| Impulse withstand current | Partly surge-proof 250 A |
| Туре | Add-on residual current protection unit FBSmV Type AC |
| echnical Data - Electrical | |
| Voltage rating - min | 240 V |
| Voltage rating - max | 415 V |
| Rated operational voltage (Ue) - max | 415 V |
| Rated insulation voltage (Ui) | 440 V |
| Rated impulse withstand voltage (Uimp) | 4 kV |
| Rated fault current - min | 0.03 A |
| Rated fault current - max | 0.03 A |
| Frequency rating | 50 Hz |
| Leakage current type | AC |
| Rated short-time withstand current (Icw) | 0 kA 10 kA |
| Surge current capacity | 0.25 kA |
| Pollution degree | 2 |
| echnical Data - Mechanical | |
| Frame | 45 mm |
| Width in number of modular spacings | 4 |
| Built-in width (number of units) | 70 mm (2 SU) |
| Built-in depth | 70.5 mm |
| Mounting Method | DIN rail Permanent screw connection with FAZ |
| Degree of protection | IP20, IP40 with suitable enclosure |

| Connectable conductor cross section (solid-core) - min Connectable conductor cross section (solid-core) - max 35 mm² Terminal protection Busbar material thickness Consequence of the section o | Terminals (top and bottom) | Lift terminals |
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| Special features Ambient temperature hint: Starting at 40 °C, the max. permissible continuous current decreases by 3% for every 1 °C | Features | · |
| current decreases by 3% for every 1 °C | Fitted with: | Interlocking device |
| Used with FBSmV | Special features | |
| Type AC Add-on residual current protection unit | Used with | Type AC |

Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / Residual current circuit breaker (RCCB) module (EC002297)

Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB) module (ecl@ss13-27-14-22-10 [ACN357016])

| (ocidente 27 11 22 10 premere en | | |
|----------------------------------|---|-----------|
| Nominal voltage | V | 240 - 415 |
| Nominal current | Α | 40 |
| Rated fault current adjustable | | No |

| Rated fault current | А | 0.03 - 0.03 |
|---|------|-------------|
| Max. delay time | ms | 0 |
| Delay adjustable | 1110 | No |
| | | |
| Number of poles | | 2 |
| Leakage current type | | AC |
| Surge current capacity | kA | 0.25 |
| Frequency | | 50 Hz |
| Rated insulation voltage Ui | V | 440 |
| Rated impulse withstand voltage Uimp | kV | 4 |
| Power loss | W | 5.3 |
| Connectable conductor cross section solid-core | mm² | 0.75 - 35 |
| Connectable conductor cross section multi-wired | mm² | 0.75 - 35 |
| Anti-nuisance tripping version | | No |
| With interlocking device | | Yes |
| Degree of protection (IP) | | IP20 |
| Pollution degree | | 2 |
| Ambient temperature during operating | °C | -25 - 40 |