



Residual-current circuit breaker trip block for FAZ, 40A, 3p, 30mA, type G



Powering Business Worldwide™

Part no. FBSMV-40/3/003-G
Article no. 170238
Catalog No. FBSMV-40/3/003-G

Similar to illustration

Delivery program

| | | | |
|---------------------------|----------------|---|--|
| Basic function | | | Add-on residual current protection unit |
| Number of poles | | | 3 pole |
| Application | | | Switchgear for industrial and advanced commercial applications |
| Rated current | I_n | A | 40 |
| Rated fault current | $I_{\Delta N}$ | A | 0.03 |
| Type | | | Type G (ÖVE E 8601) |
| Tripping | | A | Short time-delayed |
| Product range | | | FBSmV |
| Sensitivity | | | AC current sensitive |
| Impulse withstand current | | | Surge-proof, 3 kA |
| Contact sequence | | |  |

Technical data

Electrical

| | | | |
|---------------|-------|---|----------------------|
| Sensitivity | | | AC current sensitive |
| Rated current | I_n | A | 40 |

Design verification as per IEC/EN 61439

| | | | |
|--|------------|----|-----|
| Technical data for design verification | | | |
| Rated operational current for specified heat dissipation | I_n | A | 40 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 20 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 40 |
| | | | 0 |

Technical data ETIM 6.0

Circuit breakers and fuses (EG000020) / Residual current circuit breaker (RCCB) (EC000003)

Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB) (ecI@ss8.1-27-14-22-01 [AAB906011])

| | | | |
|--|--|----|----------|
| Number of poles | | | 3 |
| Nominal rated voltage | | V | 415 |
| Nominal rated current | | A | 40 |
| Rated fault current | | A | 0.03 |
| Mounting method | | | DIN rail |
| Leakage current type | | | AC |
| Selective protection | | | No |
| Short-circuit breaking capacity (I _{cw}) | | kA | 0 |
| Surge current capacity | | kA | 3 |
| Frequency | | | 50 Hz |
| Additional equipment possible | | | Yes |
| Degree of protection (IP) | | | IP20 |

| | | |
|--|----|-----|
| Construction size (in accordance with DIN 43880) | | 1 |
| Width in number of modular spacings | | 6 |
| Built-in depth | mm | 70 |
| Short-time delayed tripping | | Yes |

Dimensions

