

Accessories

| Contacts | | Rated Operational Current | | | Type | Pack pcs. | Weight approx. kgpc |
|----------|----|---------------------------|-----------|------------------|------|-----------|---------------------|
| NO | NC | AC15 24V A | 240V A | AC1 240V A | | | |

Transverse Auxiliary Contact Block, max. 1 pc. per circuit-breaker ¹⁾



| | | | | | | | |
|---|---|---|---|---|---------|---|------|
| 1 | 1 | 3 | 2 | 5 | M4 HQ11 | 1 | 0,02 |
| 2 | - | 3 | 2 | 5 | M4 HQ20 | 1 | 0,02 |
| - | 2 | 3 | 2 | 5 | M4 HQ02 | 1 | 0,02 |

Auxiliary Contact Block for left hand side mounting, 1 or 2 pcs. per circuit-breaker ¹⁾



| | | | | | | | |
|---|---|---|---|----|---------|---|------|
| 1 | 1 | 6 | 4 | 10 | M4 HS11 | 1 | 0,03 |
| 2 | - | 6 | 4 | 10 | M4 HS20 | 1 | 0,03 |
| - | 2 | 6 | 4 | 10 | M4 HS02 | 1 | 0,03 |

Alarm Switch (any tripping) for left hand side mounting, max. 1 pc. per circuit-breaker ¹⁾



| | | | | | | | | |
|---|---|-------------------|---|---|----|------------|---|------|
| 1 | 1 | for M4-32T, -32R | 6 | 4 | 10 | M4 MA11 | 1 | 0,04 |
| 1 | 1 | for M4-63R, -100R | 6 | 4 | 10 | M4 MA11 63 | 1 | 0,04 |

Alarm Switch (short circuit) for left hand side mounting, max. 1 pc. per circuit-breaker ¹⁾



| | | | | | | | | |
|---|---|--|---|---|----|--------|---|------|
| 1 | 1 | | 6 | 4 | 10 | M4 M11 | 1 | 0,04 |
|---|---|--|---|---|----|--------|---|------|

Operates in case of short circuit accidents that is over 20 times of the rated current of the circuit breaker.

Undervoltage Releases for right hand side mounting, max. 1 pc. per circuit-breaker ¹⁾

Trips the circuit-breaker when the voltage is interrupted. Prevents the motor from being restarted accidentally when the voltage is restored, suitable for EMERGENCY STOP acc. to IEC 60204



| | | | |
|------------------------------|---------|---|------|
| 24V 50Hz, 28V 60Hz | M4 U24 | 1 | 0,11 |
| 110-127V 50Hz, 120V 60Hz | M4 U110 | 1 | 0,11 |
| 220-230V 50Hz, 240-260V 60Hz | M4 U230 | 1 | 0,11 |
| 240V 50Hz, 277V 60Hz | M4 U240 | 1 | 0,11 |
| 380-400V 50Hz, 440-460V 60Hz | M4 U400 | 1 | 0,11 |
| 415-440V 50Hz, 460-480V 60Hz | M4 U415 | 1 | 0,11 |

Shunt Releases for right hand side mounting, max. 1 pc. per circuit-breaker ¹⁾

Trips the circuit-breaker when the release coil energized.
100% ON max. 5sec. ON



| | | | | |
|------------------------------|---------------------|---------|---|------|
| 20-24V 50Hz, 28V 60Hz | 20-70V 50/60Hz DC | M4 A24 | 1 | 0,12 |
| 75-127V 50Hz, 120V 60Hz | 75-190V 50/60Hz DC | M4 A110 | 1 | 0,12 |
| 190-230V 50Hz, 240-260V 60Hz | 190-330V 50/60Hz DC | M4 A230 | 1 | 0,12 |
| 200-240V 50Hz, 277V 60Hz | 200-330V 50/60Hz DC | M4 A240 | 1 | 0,12 |
| 300-400V 50Hz, 440-460V 60Hz | 300-500V 50/60Hz DC | M4 A400 | 1 | 0,12 |
| 330-440V 50Hz, 460-480V 60Hz | 330-500V 50/60Hz DC | M4 A415 | 1 | 0,12 |

Enclosure for circuit breaker M4 32R protection degree IP65



| | | | |
|---|--------------|---|------|
| Plastic enclose with rotary operating mechanism black-grey lockable, with N- and PE-terminal space for 1 transverse and side aux. contact + release | M4 32R PFH4 | 1 | 0,53 |
| Enclose with rotary operating mechanism yellow - red, lockable with N- and PE-terminal space for 1 transverse and side aux. contact + release | M4 32R PFHN4 | 1 | 0,53 |

1) Number and position see page 179