

## INTELLIGENT POWER DISTRIBUTION

### Over current protection device

– adjustable current ranges

– early warning (90%)

Approvals:   

### MICO+ 4.4

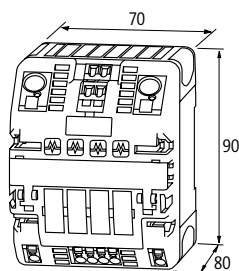
4 channels



### MICO+ 4.6

4 channels

| Order Data          | Art-No.                                                             | Art-No.                                                  |
|---------------------|---------------------------------------------------------------------|----------------------------------------------------------|
| 1 A, 2 A, 3 A, 4 A  | NEC Class 2                                                         | 9000-41084-0100400                                       |
| 1 A, 2 A, 4 A, 6 A  |                                                                     | 9000-41084-0100600                                       |
| Input               |                                                                     |                                                          |
| Operating voltage   | 24 V DC (18...30 V DC)                                              |                                                          |
| Output              |                                                                     |                                                          |
| Current adjustment  | 1 A, 2 A, 3 A, 4 A, by countersunk rotary switch, sealed            | 1 A, 2 A, 4 A, 6 A, by countersunk rotary switch, sealed |
| Inrush capacity     | max. 20 mF (per channel)                                            |                                                          |
| Control inputs      |                                                                     |                                                          |
| Input voltage (ON)  | 10...30 V DC                                                        |                                                          |
| Remote start (OFF)  | 10...30 V DC                                                        |                                                          |
| Impulse length (ON) | min. 20 ms                                                          |                                                          |
| Control outputs     |                                                                     |                                                          |
| Group alarm output  | max. 20 mA; high: all channels ON; low: not all channels ON         |                                                          |
| Early warning (90%) | max. 20 mA; high: one channel over 90%; low: all channels under 90% |                                                          |
| General data        |                                                                     |                                                          |
| Connection          | Spring clamp terminals                                              |                                                          |
| Input terminals     | 2 × 16 mm <sup>2</sup>                                              |                                                          |
| Output terminals    | per output 2 × 1.5 mm <sup>2</sup>                                  |                                                          |
| Alarm terminals     | 2.5 mm <sup>2</sup>                                                 |                                                          |
| Bridging concept    | two sides, with spring clamp terminals or bridge set (max. 40 A)    |                                                          |
| Mounting method     | DIN-rail mountable TH35 (EN 60715)                                  |                                                          |
| Temperature range   | 0...+55 °C (storage temperature -40...+80 °C)                       |                                                          |
| Dimension drawing   |                                                                     |                                                          |



### Notes

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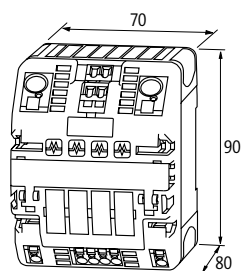
Approvals:   

### MICO+ 4.10

4 channels



| Order Data          | Art-No.                                                             |
|---------------------|---------------------------------------------------------------------|
| 4 A, 6 A, 8 A, 10 A | 9000-41084-0401000                                                  |
| Input               |                                                                     |
| Operating voltage   | 24 V DC (18...30 V DC)                                              |
| Output              |                                                                     |
| Current adjustment  | 4 A, 6 A, 8 A, 10 A, by countersunk rotary switch, sealed           |
| Inrush capacity     | max. 20 mF (per channel)                                            |
| Control inputs      |                                                                     |
| Input voltage (ON)  | 10...30 V DC                                                        |
| Remote start (OFF)  | 10...30 V DC                                                        |
| Impulse length (ON) | min. 20 ms                                                          |
| Control outputs     |                                                                     |
| Group alarm output  | max. 20 mA; high: all channels ON; low: not all channels ON         |
| Early warning (90%) | max. 20 mA; high: one channel over 90%; low: all channels under 90% |
| General data        |                                                                     |
| Connection          | Spring clamp terminals                                              |
| Input terminals     | 2 × 16 mm <sup>2</sup>                                              |
| Output terminals    | per output 2 × 1.5 mm <sup>2</sup>                                  |
| Alarm terminals     | 2.5 mm <sup>2</sup>                                                 |
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| Dimension drawing   |                                                                     |



### Notes