



CP485F



RCCB 4P 100A 300mA AC SClass

Technical properties

Architecture

| | |
|------------------|-------------------------------|
| Neutral position | left |
| Number of poles | 4 P |
| Fixing mode | DIN rail type O (symmetrical) |

Configuration

| | |
|-------------------|---|
| Number of modules | 4 |
|-------------------|---|

Main electrical features

| | |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

Electric current

| | |
|---|--------|
| Rated residual operating current | 300 mA |
| Rated current | 100 A |
| Withstand not tripping on 8-20 μ s wave | 5 kA |
| Breaking and opening capacity | 1.5 kA |
| Rated conditional short-circuit current Inc according to EN 61008-1 | 6 kA |

Electric current / temperature

| | |
|----------------------|-------|
| Rating current -25°C | 100 A |
| Rating current -20°C | 100 A |
| Rating current -15°C | 100 A |
| Rating current -10°C | 100 A |
| Rating current -5°C | 100 A |
| Rating current 0°C | 100 A |
| Rating current 5°C | 100 A |
| Rating current 10°C | 100 A |
| Rating current 15°C | 100 A |
| Rating current 20°C | 100 A |
| Rating current 25°C | 100 A |
| Rating current 30°C | 100 A |
| Rating current 35°C | 100 A |
| Rating current 40°C | 100 A |
| Rating current 45°C | 99 A |
| Rating current 50°C | 94 A |
| Rating current 55°C | 90 A |
| Rating current 60°C | 83 A |
| Rating current 65°C | 72 A |

| | |
|---------------------|------|
| Rating current 70°C | 59 A |
|---------------------|------|

Dimensions

| | |
|-------------------------------|-------|
| Depth of installed product | 70 mm |
| Height of installed product | 86 mm |
| Width of installed product | 70 mm |
| Construction size (DIN 43880) | 1 |

Frequency

| | |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

Power

| | |
|---------------------------|--------|
| Total power loss under IN | 30.2 W |
| Power loss per pole at In | 11.9 W |

Tripping

| | |
|-------------------------------------|-----|
| Protected against nuisance tripping | Yes |
| Short-time delayed tripping | Yes |

Endurance

| | |
|--|------|
| Electric endurance in number of cycles | 2000 |
| Number of mechanical operations | 4000 |

Installation, mounting

| | |
|--|----------|
| Type of top rail clip for modular devices | NA |
| Type of bottom rail clip for modular devices | metallic |
| Top removability for modular devices | No |
| Bottom removability for modular devices | No |

Connection

| | |
|--------------------|------------|
| Type of connection | with screw |
|--------------------|------------|

Standards

| | |
|-------------------------|-----------|
| European directive WEEE | concerned |
|-------------------------|-----------|

Safety

| | |
|---------------------|------|
| Protection index IP | IP20 |
|---------------------|------|

Use conditions

| | |
|--|-------------|
| Operating temperature | -25...40 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Altitude | 2000 m |
| Storage/transport temperature | -55...70 °C |