



RCCB 4P 40A 100mA AC

CEC441J

Architecture

| | |
|------------------|----------|
| Neutral position | right |
| Number of poles | 4 P |
| Fixing mode | Din-Rail |

Controls and indicators

| | |
|----------------------------|-----|
| Ground fault signalisation | no |
| With fault indicator | yes |

Main electrical features

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

Electric current

| | |
|--|---------|
| Rated residual operating current | 100 mA |
| Withstand not tripping on 8-20 μ s wave | 0,25 kA |
| Breaking and opening capacity | 1500 A |
| Rated conditional short-circuit current I_{nc} according to EN 61008-1 | 6 kA |

Electric current / temperature

| | |
|----------------------|------|
| Rating current -15°C | 40 A |
| Rating current -20°C | 40 A |
| Rating current 0°C | 40 A |
| Rating current 10°C | 40 A |
| Rating current -10°C | 40 A |
| Rating current 15°C | 40 A |
| Rating current 20°C | 40 A |
| Rating current 25°C | 40 A |
| Rating current -25°C | 40 A |
| Rating current 30°C | 40 A |
| Rating current 35°C | 40 A |
| Rating current 40°C | 40 A |
| Rating current 45°C | 40 A |
| Rating current 5°C | 40 A |
| Rating current -5°C | 40 A |
| Rating current 50°C | 40 A |
| Rating current 55°C | 40 A |
| Rating current 60°C | 40 A |

Technical Properties

| | |
|---------------------|------|
| Rating current 65°C | 40 A |
| Rating current 70°C | 40 A |

Power

| | |
|---------------------------|-------|
| Power loss per pole at In | 3,6 W |
| Total power loss under IN | 8,1 W |

Tripping

| | |
|-------------------------------------|----|
| Short-time delayed tripping | no |
| Protected against nuisance tripping | no |

Endurance

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

Dimensions

| | |
|-------------------------------|-------|
| Depth of installed product | 70 mm |
| Height of installed product | 83 mm |
| Width of installed product | 70 mm |
| Construction size (DIN 43880) | 1 |

Installation, mounting

| | |
|--|---------|
| Type of bottom rail clip for modular devices | plastic |
| Type of top rail clip for modular devices | NA |
| Bottom removability for modular devices | yes |
| Top removability for modular devices | no |

Connection

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

Standards

| | |
|-------------------------|---------------|
| Standard text | IEC 61008-1 |
| European directive WEEE | not concerned |

Safety

| | |
|-----------------------|------|
| Protection index IP | IP20 |
| Residual current type | AC |

Use conditions

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