



CD464J

RCCB 4P 63A 30mA AC Class

Technical characteristics

Architecture

| | |
|------------------|-------|
| Neutral position | right |
| Number of poles | 4 P |

Functions

| | |
|----------------------------------|-----|
| Concurrently switching N-neutral | Yes |
|----------------------------------|-----|

Configuration

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

Main electrical features

| | |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 / 400 V |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|--------|
| Rated insulation voltage | 500 V |
| Rated impulse withstand voltage | 4000 V |

Electric current

| | |
|---|---------|
| Rated residual operating current | 30 mA |
| Rated current | 63 A |
| Withstand not tripping on 8-20 μ s wave | 0.25 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 | 63 A |
| Rating current -20°C | 63 A |
| Rating current -15°C | 63 A |
| Rating current -10°C | 63 A |
| Rating current -5°C | 63 A |
| Rating current 0°C | 63 A |
| Rating current 5°C | 63 A |
| Rating current 10°C | 63 A |
| Rating current 15°C | 63 A |
| Rating current 20°C | 63 A |
| Rating current 25°C | 63 A |
| Rating current 30°C | 63 A |
| Rating current 35°C | 63 A |

| | |
|---------------------|------|
| Rating current 40°C | 63 A |
| Rating current 45°C | 60 A |
| Rating current 50°C | 58 A |
| Rating current 55°C | 55 A |
| Rating current 60°C | 51 A |
| Rating current 65°C | 48 A |
| Rating current 70°C | 45 A |

Dimensions

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

Frequency

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

Power

| | |
|---------------------------|--------|
| Total power loss under IN | 18.5 W |
| Power loss per pole at In | 7.9 W |

Tripping

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

Endurance

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

Installation, mounting

| | |
|---|------------|
| Type of top connection for modular devices | with screw |
| Type of top rail clip for modular devices | NA |
| Type of bottom rail clip for modular devices | metallic |
| Type of Bottom Connection for modular devices | Blconnect |
| Top removability for modular devices | No |
| Bottom removability for modular devices | No |

Connection

| | |
|---|------------------------|
| Connection cross-section at output with screw, for massive conductor | 1 / 25 mm ² |
| Connection cross-section for rigid conductor, upstream terminals with screws | 1 / 25 mm ² |
| Connection cross-section of the access with screws, with flexible conductor | 1 / 16 mm ² |
| Connection cross section of access and exit with screws, for flexible conductor | 1 / 16 mm ² |

Standards

| | |
|-------------------------|--------------------------|
| Standard text | IEC 61008-1 ; EN 61008-1 |
| European directive WEEE | concerned |

Safety

| | |
|-----------------------|------|
| Protection index IP | IP20 |
| Residual current type | AC |
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |

Use conditions

| | |
|-------------------------------|-------------|
| Operating temperature | -25...40 °C |
| Altitude | 2000 m |
| Storage/transport temperature | -55...70 °C |