



CH263J

**RCCB 2P 63A 30mA A high immunity class**

**Technical properties**

**Architecture**

|                  |          |
|------------------|----------|
| Neutral position | right    |
| Number of poles  | 2 P      |
| Fixing mode      | Din-Rail |

**Configuration**

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

**Controls and indicators**

|                            |    |
|----------------------------|----|
| Ground fault signalisation | no |
|----------------------------|----|

**Main electrical features**

|                              |       |
|------------------------------|-------|
| Rated operational voltage Ue | 230 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 $\mu$ s wave                         | 3 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 | 63 A |
| Rating current 50°C | 63 A |
| Rating current 55°C | 63 A |
| Rating current 60°C | 56 A |
| Rating current 65°C | 49 A |
| Rating current 70°C | 40 A |

### Dimensions

|                               |       |
|-------------------------------|-------|
| Depth of installed product    | 70 mm |
| Height of installed product   | 83 mm |
| Width of installed product    | 35 mm |
| Construction size (DIN 43880) | 1     |

### Frequency

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

### Power

|                           |       |
|---------------------------|-------|
| Total power loss under IN | 8 W   |
| Power loss per pole at In | 4.3 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 connection for modular devices    | with screw |
| Tightening torque                             | 2,8Nm      |
| 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 <sup>2</sup> |
| Connection cross-sect. flexible conductor                                       | 16mm <sup>2</sup>      |
| Connection cross-section for rigid conductor, upstream terminals with screws    | 1 / 25 mm <sup>2</sup> |
| Connection cross-section of the access with screws, with flexible conductor     | 1 / 16 mm <sup>2</sup> |
| Connection cross section of access and exit with screws, for flexible conductor | 1 / 16 mm <sup>2</sup> |

### Equipment

Subject to technical modifications

With transparent product label holder

Yes

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**Standards**

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|               |                          |
|---------------|--------------------------|
| Standard text | IEC 61008-1 ; EN 61008-1 |
|---------------|--------------------------|

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|                         |               |
|-------------------------|---------------|
| European directive WEEE | not concerned |
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**Safety**

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

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|                       |      |
|-----------------------|------|
| Residual current type | A HI |
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**Use conditions**

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|                       |             |
|-----------------------|-------------|
| Operating temperature | -25...40 °C |
|-----------------------|-------------|

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