



HNT200DR

### Moulded Case Circuit Breaker h3+ P250 TM ADJ 3P3D 200A 40kA FTC

#### Technical Features

##### Electric current

|                                                                               |          |
|-------------------------------------------------------------------------------|----------|
| Rated current                                                                 | 200 A    |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2 | 40 kA    |
| Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2 | 50 kA    |
| Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2   | 50 kA    |
| Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2   | 40 kA    |
| Rated ultimate short-circuit breaking capacity Icu under 660 V AC IEC 60947-2 | 6 kA     |
| Rated ultimate short-circuit breaking capacity Icu under 690 V AC IEC 60947-2 | 6 kA     |
| Rated current 10°C according to IEC 60947                                     | 263.80 A |
| Rated current 15°C according to IEC 60947                                     | 256.70 A |
| Rated current 20°C according to IEC 60947                                     | 249.40 A |
| Rated current 25°C according to IEC 60947                                     | 241.90 A |
| Rated current 30°C according to IEC 60947                                     | 234.10 A |
| Rated current at 35°C according to IEC 60947                                  | 226.10 A |
| Rated current at 40°C according to IEC 60947                                  | 217.70 A |
| Rated current 45°C according to IEC 60947                                     | 209 A    |
| Rated current 50°C according to IEC 60947                                     | 200 A    |
| Rated current 55°C according to IEC 60947                                     | 190.50 A |
| Rated current at 60°C according to IEC 60947                                  | 180.50 A |
| Rated current 65°C according to IEC 60947                                     | 170 A    |
| Rated current 70°C according to IEC 60947                                     | 158.70 A |

##### Architecture

|                           |                 |
|---------------------------|-----------------|
| Number of poles           | 3               |
| Control/operation element | Toggle          |
| Device construction type  | Fixed built-in  |
| Neutral position          | Without neutral |

##### Frequency

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

##### Voltage

|                                      |             |
|--------------------------------------|-------------|
| Rated impulse withstand voltage Uimp | 8000 V      |
| Rated insulation voltage Ui          | 800 V       |
| Rated operational voltage Ue         | 220 - 690 V |

##### Functions

|           |        |
|-----------|--------|
| Trip unit | TM A/A |
|-----------|--------|

##### Power

|                           |      |
|---------------------------|------|
| Total power loss under IN | 36 W |
|---------------------------|------|

##### Endurance

|                                        |       |
|----------------------------------------|-------|
| Electric endurance in number of cycles | 10000 |
| Number of mechanical operations        | 40000 |

##### Safety

|                               |      |
|-------------------------------|------|
| Ingress Protection (IP) class | IP4X |
|-------------------------------|------|

##### Connection

|                                  |                          |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 35 - 150 mm <sup>2</sup> |
| Cross-section rigid conductor    | 35 - 185 mm <sup>2</sup> |

##### Cover, door

|               |     |
|---------------|-----|
| Interlockable | Yes |
|---------------|-----|

##### Settings

|                                     |                  |
|-------------------------------------|------------------|
| Thermal protection knob setting xIN | 0.63<br>0.8<br>1 |
|-------------------------------------|------------------|

# Product Datasheet

## HNT200DR

---

### Cable

|                |                     |
|----------------|---------------------|
| Cable material | Copper<br>Aluminium |
|----------------|---------------------|

### Compatibility

|                                 |     |
|---------------------------------|-----|
| Compatible with RDC AOB         | No  |
| Suitable for DIN Rail           | No  |
| Suitable for distribution board | Yes |

### Dimensions

|            |              |
|------------|--------------|
| Dimensions | 165 x 105 mm |
| Height     | 165 mm       |
| Width      | 105 mm       |
| Depth      | 97 mm        |

### Installation, mounting

|                               |            |
|-------------------------------|------------|
| Mounting-/Connection Position | Front      |
| Nominal tightening torque     | 12 - 12 Nm |

### Electrical protection

|                                                         |                    |
|---------------------------------------------------------|--------------------|
| Instantaneous protection (li): dial setting coefficient | 6<br>8<br>10<br>12 |
|---------------------------------------------------------|--------------------|

### Sustainability

|                 |     |
|-----------------|-----|
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |