



HMT251BR

### Moulded Case Circuit Breaker h3+ P250 MAG 4P4D 250A 50kA FTC

#### Technical Features

##### Electric current

|                                                                               |       |
|-------------------------------------------------------------------------------|-------|
| Rated current                                                                 | 250 A |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2 | 50 kA |
| Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2 | 65 kA |
| Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2   | 65 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 service breaking capacity Ics under 400 V AC according to IEC 60947-2   | 50 kA |

##### Architecture

|                           |                |
|---------------------------|----------------|
| Number of poles           | 4              |
| Control/operation element | Toggle         |
| Device construction type  | Fixed built-in |
| Neutral position          | Left           |

##### Frequency

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

##### Voltage

|                                      |        |
|--------------------------------------|--------|
| Rated impulse withstand voltage Uimp | 8000 V |
| Rated insulation voltage Ui          | 800 V  |

##### Functions

|           |           |
|-----------|-----------|
| Trip unit | MAG (ICB) |
|-----------|-----------|

##### Power

|                           |         |
|---------------------------|---------|
| Total power loss under IN | 50.70 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> |

##### Installation, mounting

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

##### Cover, door

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

##### Cable

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

##### Dimensions

|        |        |
|--------|--------|
| Height | 165 mm |
| Width  | 140 mm |
| Depth  | 97 mm  |

##### Compatibility

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

| Electrical protection                                   |    |
|---------------------------------------------------------|----|
| Instantaneous protection (li): dial setting coefficient | 6  |
|                                                         | 7  |
|                                                         | 8  |
|                                                         | 9  |
|                                                         | 10 |

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