



HHS161BC

**Moulded Case Circuit Breaker h3+ P160 MAG 4P4D 160A 25kA CTC**

**Technical Features**

**Electric current**

|   |       |
|---|-------|
| Rated current   | 160 A |
| Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2 | 25 kA |
| Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2 | 35 kA |
| Rated service breaking capacity Ics under 230 V AC according to IEC 60947-2   | 35 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   | 25 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 | 42.30 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 | 6 - 70 mm <sup>2</sup> |
| Cross-section rigid conductor    | 6 - 95 mm <sup>2</sup> |

**Installation, mounting**

|                               |          |
|-------------------------------|----------|
| Nominal tightening torque     | 6 - 6 Nm |
| Mounting-/Connection Position | Front    |

**Connectivity**

|                    |                |
|--------------------|----------------|
| Type of connection | Screw terminal |
|--------------------|----------------|

**Cover, door**

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

**Cable**

|                |        |
|----------------|--------|
| Cable material | Copper |
|----------------|--------|

**Dimensions**

|        |        |
|--------|--------|
| Height | 130 mm |
| Width  | 120 mm |
| Depth  | 97 mm  |

**Compatibility**

|                                 |     |
|---------------------------------|-----|
| Compatible with RDC AOB         | No  |
| 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