



HMC180T

**MCB 1P 15kA C-80A 1.5M**

**Technical characteristics**

**Architecture**

|                 |     |
|-----------------|-----|
| Number of poles | 1 P |
| Type of pole    | 1 P |
| Curve           | C   |

**Main electrical features**

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 240 / 415 V |
| Frequency                    | 50/60       |
| Type of supply voltage       | AC          |

**Voltage**

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 500 V  |
| Rated impulse withstand voltage | 6000 V |

**Electric current**

|   |       |
|---|-------|
| Rated short circuit breaking capacity Icn<br>under 230V AC according IEC60898-1 | 15 kA |
|---|-------|

**Electric current / temperature**

|                     |      |
|---------------------|------|
| Rating current 30°C | 80 A |
|---------------------|------|

**Dimensions**

|                             |       |
|-----------------------------|-------|
| Depth of installed product  | 70 mm |
| Height of installed product | 90 mm |
| Width of installed product  | 27 mm |

**Power**

|                           |        |
|---------------------------|--------|
| Total power loss under IN | 6.18 W |
|---------------------------|--------|

**Endurance**

|  |       |
|--|-------|
| Electric endurance in number of cycles | 4000  |
| Number of mechanical operations        | 20000 |

**Installation, mounting**

|                   |            |
|-------------------|------------|
| Tightening torque | 3,5 to 5Nm |
|-------------------|------------|

**Connection**

|   |  |
|---|--|
| Connection cross-sect. flexible conductor | 50mm <sup>2</sup>                            |
| Connection cross-sect. rigid cable        | 70mm <sup>2</sup>                            |
| Type of connection                        | terminal with tightening compensation system |

**Standards**

|                         |                                       |
|-------------------------|---------------------------------------|
| Standard text           | EN 60898-1,IEC 60947-2,AS/NZS 60898-1 |
| European directive WEEE | concerned                             |

**Safety**

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