



HMF180T

**MCB 1P 10kA 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 Hz
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 under 230V AC according IEC60898-1	10 kA
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**Electric current / temperature**

Rating current 30°C	80 A
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**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
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**Endurance**

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

**Installation, mounting**

Tightening torque	3,5 to 5Nm
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**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**

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European directive WEEE

concerned

**Safety**

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Protection index IP

IP20