



HMF190T

MCB 1P 10kA C-100A 1.5M

Technical characteristics

Architecture

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

Main electrical features

Rated operational voltage U _e	240 / 415 V
Frequency	50/60 Hz
Rated current	100 A
Type of supply voltage	AC

Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V

Electric current

Rated short circuit breaking capacity I _{cn} under 230V AC according IEC60898-1	10 kA
---	-------

Electric current / temperature

Rating current 30°C	100 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 I _N	6,48 W
---------------------------------------	--------

Endurance

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

Capacity

Number of modules	1,5
-------------------	-----

Installation, mounting

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

Connection

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

Standards

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

Safety

Protection index IP

IP20