



MTN120

MCB 1P 6kA B-20A 1M

Technical characteristics

Architecture

Neutral position	not applicable
Number of poles	1 P
Type of pole	1 P
Fixing mode	DIN rail type O (symmetrical)
Curve	B

Main electrical features

Rated operational voltage Ue	230 / 400 V
Frequency	50/60 Hz
Rated current	20 A
Type of supply voltage	AC

Voltage

Rated insulation voltage	500 V
Rated impulse withstand voltage	4000 V

Electric current

Rated service breaking capacity Ics AC according IEC 60898-1	6 kA
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	6 kA

Electric current / temperature

Rating current 30°C	20 A
---------------------	------

Dimensions

Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	17,5 mm

Power

Total power loss under IN	2,79 W
---------------------------	--------

Endurance

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

Capacity

Number of modules	1
-------------------	---

Installation, mounting

Tightening torque	2,8Nm
-------------------	-------

Connection

Connection cross-sect. flexible conductor	1 / 25mm ²
Connection cross-sect. rigid cable	1 / 35mm ²
Type of connection	with screw

Equipment

Quick connect	no
---------------	----

Standards

Standard text	EN 60898-1
---------------	------------

European directive WEEE	concerned
-------------------------	-----------

Safety

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

Use conditions

Operating temperature	-25...70 °C
-----------------------	-------------
