



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 |
| 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 |

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 |