



ARC520U

**MCB with dangerous arc detection 1P+N 10kA B-20A 2M**

**Technical characteristics**

**Architecture**

Neutral position	right
Number of poles	2 P
Type of pole	1P+N
Curve	B

**Main electrical features**

Rated operational voltage Ue	230 V
Type of supply voltage	AC

**Voltage**

Rated insulation voltage	500 V
Max operating voltage	253 V
Rated impulse withstand voltage	4 kV

**Electric current**

Rated service breaking capacity Ics AC according IEC 60898-1	7.5 kA
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	10 kA

**Electric current / temperature**

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

**Dimensions**

Depth of installed product	70 mm
Height of installed product	85 mm
Width of installed product	35.5 mm

**Power**

Total power loss under IN	5.2 W
---------------------------	-------

**Endurance**

Electric endurance in number of cycles	2000
Number of mechanical operations	4000

**Installation, mounting**

Tightening torque	2Nm
-------------------	-----

**Accessories included**

Type of accessory	AFDD
-------------------	------

---

**Equipment**

Quick connect	no
Can be accessorized	Yes

---

**Standards**

Standard text	EN 62606 ; IEC 60898-1
European directive WEEE	concerned

---

**Safety**

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

---

**Use conditions**

Operating temperature	-25...60 °C
-----------------------	-------------