


## KV Circuit breaker boxes with metric knockouts



**AKMF 20**

- Cable glands
- for knockouts M 20

IP  
66

- sealing range Ø 6,5-13,5 mm
- ISO thread M 20 x 1.5
- bore-hole: Ø 20.3 mm
- wall thickness up to 3 mm
- with strain relief and locknut
- for indoor - normal environment and (or) protected outdoor installation
- ambient temperature - 25 °C to + 55 °C
- glow wire test IEC 60695-2-11: 960 °C
- Degree of protection: IP 66
- colour: orange, RAL 2003

tightening torque	4,0 Nm
width across flats of cable glands	24 mm
Dimension across corners of cable glands Ø	26,5 mm
width across flats of nut	27 mm
dimension across corners Ø	30,2 mm
material	PA (Polyamide)
weight	0,011 kg
glow wire test	IEC 60695-2-11 960°C
in accordance with	DIN EN 62444

### Drawings

Dimension drawing



### Operating and ambient conditions

Application area	Suitable for indoor installation and outdoor installation, protected against weather influences
Ambient temperature	Average value over 24 hours + 55 °C Maximum value + 70 °C Minimum value - 25 °C
Fire protection in the event of internal faults	Demands placed on electrical devices from standards and laws Minimum requirements - Glow wire test in accordance with IEC 60695-2-11: - 650° C for boxes and cable glands
Burning behaviour	Glow wire test IEC 60695-2-11: 960 °C UL Subject 94: V-0 flame-retardant self-extinguishing
Toxic behaviour	halogen-free silicone-free "halogen-free" in accordance with the examination of the cables

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and insulated wires - corrosiveness of fumes - as per IEC 60754-2

Note:

For material properties see technical data.