

Monitorix[®] Checkbox

TECHNICAL DATA SHEET



CLAMPS

Mechanical properties

dimensions	8.1 x 8.9 x 35.5 mm
weight	2.3 g
colour	transparent

Electrical properties

rated voltage	450 V
rated surge voltage	4 kV
rated current	32 A

Connections

2 clamping points

nominal cross section	4 mm ² / 14 AWG
single-core conductor	0.2 ... 4 mm ² / 20 ... 14 AWG
multi-core conductor	0.2 ... 2,5 mm ² / 18 ... 14 AWG
fine-wire conductor	0.2 ... 4 mm ² / 18 ... 14 AWG
stripping length	11 mm

Ambient conditions

long-term service temperature	-60 ... +105 °C
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GELBOX

Mechanical properties

dimensions	32.7 x 17.8 x 56.9 mm
weight	19.8 g
colour	grey
gel	silicone-free
type of mounting	flying connection
protection class	IPX8
suitable	for feed-through connector 4 mm ²

Ambient conditions

storage	0 ... 40 °C
operation	-55 ... 85 °C

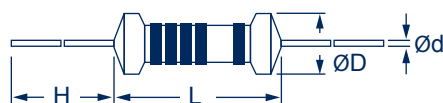
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METAL FILM RESISTORS



dimensions

L	$6.3 \pm 0.5 \text{ mm}$
ØD	$2.4 \pm 0.2 \text{ mm}$
H	$28 \pm 2.0 \text{ mm}$
Ød	$0.55 \pm 0.05 \text{ mm}$

Mechanical properties

axial coated	
YAGEO Typ	MF 0207
labelling	DIN-IEC colour code: 5 rings (TK 50), 6 rings (TK < 50)

Electrical properties

rated current load capacity P_{70}	0.6 W
resistance value range	270 Ω
max. permissible operating voltage	$V_{\text{eff}} 300$
insulation voltage (1 min.)	$V_{\text{eff}} 500$
insulation resistance	$> 10^4 \text{ M}\Omega$
temperature range	-55 ... 155 °C

NOTES ON THE APPLICABILITY AND VALIDITY OF THE DATA SHEET

All information is intended for professionals such as architects, building planners, tradesmen in the construction / roofing, carpentry and gardening and landscaping trades. They do not release you from your own responsibility. They have been compiled to the best of our knowledge, but do not constitute a guarantee. The currently applicable standards and recognised rules of technology apply to all planning and execution. We reserve the right to make changes due to improvements in application or production technology. The contents of the data sheet do not replace object-related, specialised structural planning. Interfaces to neighbouring trades are not highlighted separately, but must nevertheless be taken into account during planning and execution.

IMPORTANT NOTE: Please ensure that the sensors and sensor tracks are installed when dry!

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