

KUB M63 BS O SC 1 G63

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration



The KUB features a special ring in the shape of a truncated cone. The ring enables connections between single-wire-armoured and metal-foil-armoured cables and braided-armoured lines. This ensures a conductive connection between the cable and the cable gland. It is also possible to connect non-armoured cables and lines. The KUB also features a seal for sealing the outer cable insulation. The area of the connecting cable that is exposed after stripping the inner insulation is then encapsulated with the encapsulation compound (included in delivery). Thus all of the gaps and spaces between the individual wire strands are 100% sealed. The cable gland is certified for use in temperatures ranging from -60°C to +135°C. The O-ring and the encapsulation compound are both included in the delivery. When encapsulated, the cable gland guarantees IP66 or IP68 protection at a depth of 100 metres under water (a pressure of 10 bar for 7 days). The KUB is only approved for use with pressure-resistant Ex d encapsulation. This type of cable gland must be used in the following cases: 1.) If the surroundings of an IIC device require it or when the enclosure contains components that could trigger an internal explosion (such as a flying spark) 2.) When the surroundings of no group-IIC devices require it, the enclosure contains components that could trigger an internal explosion, it is a Zone-1 installation, and the enclosure volume is greater than 2 dm³.

General ordering data

Version	KUB (Klippon universal die-cast Ex cable gland), Cable glands, straight, M 63, 19 mm, Single-wire armouring, Metal foil armouring, Braided armouring, 0.1 - 2.5 mm, OD min. 53.8 - OD max. 61.2 mm, ID max. 56.00 mm, IP68 - 10 bar, Brass
Order No.	1095520000
Type	KUB M63 BS O SC 1 G63
GTIN (EAN)	4032248868308
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	115 mm	Length (inches)	4.528 inch
Net weight	2,025 g		

Temperatures

Operating temperature	-60 °C...135 °C	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C		

Certificate numbers cable gland

Approval conditions	ATEX, IECEX, EAC	Certificate No. (ATEX)	SIRA05ATEX1288X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate no. cable gland (EAC)	RU C-DE.HA65.B.00568 20
Certificate no. cable gland (IECEX)	IECEX CML 19.0109X	Identification	ATEX: II 2 GD, Ex d IIC Gb, Ex e IIC Gb, Ex tb IIIC (Ta = -60°C to + 135°C) or II 1D, Ex ta IIIC Da (Ta = -60°C to + 135°C), IECEX: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da

General information

AF size 1	80 mm	Armour, max.	2.5 mm
Armour, min.	0.1 mm	Cable glands	metric, brass
Encapsulation compound	Processing temperature at 21°C, the sealing compound is hardened after one hour. After 4 hours, the cable gland can be installed and initial commissioning can take place	Explosion protection type	Pressure-resistant Ex d encapsulation
External thread	M 63	Halogen	Yes
Inner cable diameter, max.	56 mm	Installation guidelines	See assembly instructions
Length of thread	19 mm	Material	Brass
Max. diameter of bundled wires	50	Number of wires	425
O-Ring	Silicone	Operating temperature range, max.	135 °C
Operating temperature range, min.	-60 °C	Outer cable diameter, max.	61.2 mm
Outer cable diameter, min.	53.8 mm	Pitch of thread	1.5 mm
Protection degree	IP68 - 10 bar	Protection degree with GWDR	IP68 - 10 bar
Seal insert	CR	Sealing	Silicone
Size of protective cap	EL80	Type of armouring	Single-wire armouring, Metal foil armouring, Braided armouring
Type of armouring, short term	SWA, STA, SWB	Water depth	100 m (30 Min.)

Classifications

ETIM 6.0	EC000441	ETIM 7.0	EC000441
ETIM 8.0	EC000441	ECLASS 9.0	27-14-44-32
ECLASS 9.1	27-14-44-34	ECLASS 10.0	27-14-44-32
ECLASS 11.0	27-14-44-32	ECLASS 12.0	27-14-08-04

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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	3394d55b-7892-488f-8603-ea218c1d0691

Approvals

Approvals



Approvals	EAC; ATEX; IECEX
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	IECEXSIR05.0067X SIRA05ATEX1288X RU C-DE.HA65.B.00568 20 EU Declaration of Conformity - Klippon KUB cable Gland - DoC DE PS2680 160315 005ISS03
Engineering Data	WSCAD
User Documentation	Notice to Installers Assembly guidelines
Catalogues	Catalogues in PDF-format
Brochures	MB OVERV. PROCESS WD DE MB PROCESS EN PI KLIPPON CABLE GL EN PI KLIPPON CABLE GL EN