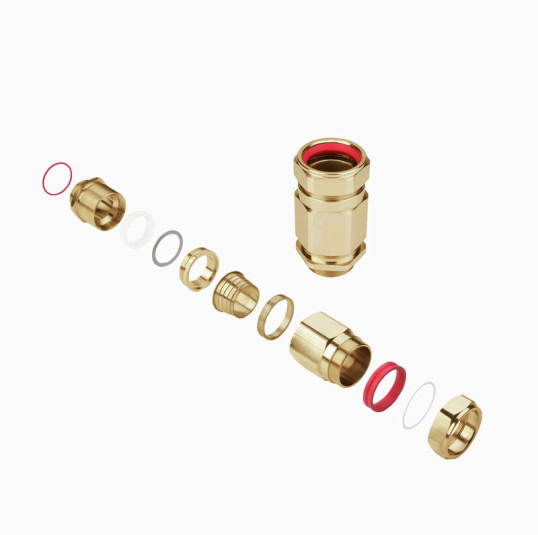
Data sheet

KDSU M63 BS O SC 2 G63

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration



The KDSU 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 ensure a conductive connection between the cable and the cable gland. It is also possible to connect non-armoured cables and lines. In addition, the KDSU comes with two separate seals which provide sealing for the outer and inner parts of the cable insulation. The cable armouring is located between the inner and outer insulation. When the cable gland is ordered together with a neoprene seal, the seal allows temperatures from -35°C to +90°C. When using a silicone seal, a temperature range of -60°C to +180°C is possible. The O-ring and the cable gland included in the delivery are made from the same material. When using both sealing materials, IP66 or IP68 protection at a depth of 25 metres under water (a pressure of 2.5 bar) is guaranteed. The KDSU is permitted for use with pressure-resistant Ex d encapsulations and increased safety Ex e. Besides the mechanical protective function offered for cables and lines, this can also be used for EMC applications.

General ordering data

Version	KDSU (Klippon double seal universal 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. 58.4 - OD max. 65.8 mm, ID min. 46.70 - ID max. 56.00 mm, IP66, IP68 - 2.5 bar, Brass
Order No.	1136950000
Type	KDSU M63 BS O SC 2 G63
GTIN (EAN)	4032248969715
Qty.	1 items
Delivery status	Discontinued
Available until	2023-07-30T00:00:00+02:00
Alternative product	E1W/63/M63-WM

Data sheet

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Technical data

Approvals

Approvals	IECEXSIR; SIRAATEX
Approvals	EAC; ATEX; IECEX
Approvals	IECEx ATEX - SIRA
ROHS	Conform

Dimensions and weights

Height	125 mm	Height (inches)	4.9212 inch
Length	125 mm	Length (inches)	4.9212 inch
Net weight	2290 g		

Temperatures

Operating temperature	-60 °C...180 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	3394d55b-7892-488f-8603-ea218c1d0691

Certificate numbers cable gland

Identification	ATEX: II 2G, Ex db IIC Gb, Ex eb IIC Gb, II 1D, Ex ta IIIC Da, IECEx: Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da	Certificate no. cable gland (IECEx)	IECEx CML 19.0109X
Certificate No. (IECEX)	IECEXSIR05.0067X	Certificate No. (ATEX)	SIRA05ATEX1285X
Approval conditions	ATEX, IECEX		

General information

Outer cable diameter, max.	65.8 mm	Outer cable diameter, min.	58.4 mm
Inner cable diameter, max.	56.00 mm	Inner cable diameter, min.	46.70 mm
O-Ring	Silicone	Protection degree with GWDR	IP66, IP68 - 2.5 bar
Armour, max.	2.5 mm	Armour, min.	0.1 mm
Operating temperature range, max.	180 °C	Operating temperature range, min.	-60 °C
Pitch of thread	1.5 mm	Halogen	No
AF size 1	80 mm	AF size 2	80 mm
Protection degree	IP66, IP68 - 2.5 bar	Cable gland	metric, brass
Basic material	Brass	Seal insert	Silicone
Sealing	Silicone	External thread	M 63
Length of thread	19 mm	Water depth	25 m (30 Min.)
Type of armouring, short term	SWA, STA, SWB	Type of armouring	Single-wire armouring, Metal foil armouring, Braided armouring
Installation guidelines	See assembly instructions	Size of protective cap	EL80

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Technical data

Classifications

ETIM 8.0	EC000441	ETIM 9.0	EC000441
ETIM 10.0	EC000441	ECLASS 14.0	27-14-08-04
ECLASS 15.0	27-14-08-04		

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Accessories

Brass lock nuts, nickel-plated



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMU M63 MS	Version
Order No.	1737050000	SKMU MS (brass locknut), Locknut, M 63, 6 mm, Brass, nickel-plated
GTIN (EAN)	4008190956523	
Qty.	25 ST	

Safety serrated washer



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SZS M63	Version
Order No.	1736360000	SZS (serrated washer), Retaining toothed washers, M 63, Stainless
GTIN (EAN)	4008190963569	steel 1.4404 (316L)
Qty.	5 ST	

Earth tags



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	EA-RING MS/M 63	Version
Order No.	1736540000	EA (earthing rings), Earthing ring, Miscellaneous, M 63, Brass, nickel-
GTIN (EAN)	4008190963651	plated
Qty.	10 ST	

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Accessories

Vulcanised fibre gasket - KSWF



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	KSWF M63	Version
Order No.	1076730000	KSWF (flat gasket - vulcanised fibre), Sealing ring, M 63, Vulcanized
GTIN (EAN)	4032248838653	fibre
Qty.	25 ST	

Nylon flat gasket - KSWN



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	KSWN M63	Version
Order No.	1076660000	KSWN (flat gasket - nylon), Sealing ring, M 63, Nylon 6
GTIN (EAN)	4032248838707	
Qty.	25 ST	

Protective caps



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	KSP EL80	Version
Order No.	1076780000	KSP (Klippon shroud), Protective cap, PVC
GTIN (EAN)	4032248838592	
Qty.	10 ST	