

KLIPPON POK1 M16BCSS EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Various types of terminal boxes are available for installing signal / power supplies or distributors in explosive risk zones. The terminal boxes are explosion-protected equipment approved for use in Ex areas in zones 0, 1, 2 and 20, 21, 22. They are certified in accordance with the latest international standards Ex e, Ex ia and Ex tb. Customer-specific configuration means these terminal boxes are the optimum solution for all applications. Use the product overview to find the right solution for you! Combine the enclosure, with or without threaded holes, a suitable mounting rail or pre-fitted strip terminals. We have put together a small selection for you, but we are happy to configure a bespoke solution for you.

Features:

- Available in a wide range of versions to meet customer requirements
- Additional international approvals alongside IECEx and ATEX also available
- Increased quality thanks to the use of established basic products in the Klippon® brand

General ordering data

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Version | Terminal Box, ATEX II 2GD T85°C Ex e II T6, KLIPPON POK 080806 EX, KL SET 6A4 S, Drill holes side A: 2 x M16x1.5, Drill holes side B: 2 x M16x1.5 |
| Order No. | 8000004222 |
| Type | KLIPPON POK1 M16BCSS EX |
| GTIN (EAN) | 4032248986415 |
| Qty. | 1 pc(s). |
| Reference product | 1306000000 8000004144 |

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www.weidmueller.com**Technical data****Dimensions and weights**

| | | | |
|------------|-------|-----------------|------------|
| Depth | 75 mm | Depth (inches) | 2.953 inch |
| Height | 55 mm | Height (inches) | 2.165 inch |
| Width | 80 mm | Width (inches) | 3.15 inch |
| Net weight | 450 g | | |

Certificate numbers enclosure

| | | | |
|-------------------------------------|-------------------|--------------------------------------|--------------------|
| Certificate no. Terminal Box (ATEX) | IBExU13ATEX1004 X | Certificate no. Terminal Box (IECEx) | IECEx IBE 13.0004X |
|-------------------------------------|-------------------|--------------------------------------|--------------------|

Housing

| | | | |
|--------------------|----------------------------------|--------------------|-------------|
| Drill holes side A | 2 x M16x1.5 | Drill holes side B | 2 x M16x1.5 |
| Material | Glass fibre-reinforced polyester | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002503 | ETIM 7.0 | EC002503 |
| ETIM 8.0 | EC002503 | ETIM 9.0 | EC002503 |
| ECLASS 9.0 | 27-18-05-02 | ECLASS 9.1 | 27-18-05-90 |
| ECLASS 10.0 | 27-18-05-02 | ECLASS 11.0 | 27-18-05-02 |
| ECLASS 12.0 | 27-18-05-02 | ECLASS 13.0 | 27-18-05-02 |
| ECLASS 14.0 | 27-18-05-02 | | |

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | c0b142f1-4049-4b95-bbc3-9959a2d3b09c |

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

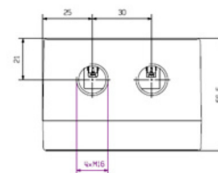
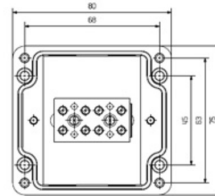
| | |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | IECEXIBE13.0004X IBEXU13ATEX1004X EU Declaration of Conformity - Klippon POK Terminal Box - DoC DE PS270X 160308 003ISS03 |
| User Documentation | INSTR POK EQUIP |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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Drawings



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www.weidmueller.com**Accessories****External thread M16**

ADAP series adaptors provide flexibility and versatility infilling unused entries in Ex equipment while maintaining Flameproof Ex d and Increased Safety Ex e explosion protection and IP66/67/68 ingress rate.

General ordering data

| | | |
|------------|----------------------------|------------------------------------------------------------------|
| Type | ADAP M16-M20-W | Version |
| Order No. | 1262730000 | ADAP (Klippon Ex adaptor), Adapter, straight, M 16 ,M 20, Brass, |
| GTIN (EAN) | 4050118088618 | nickel-plated |
| Qty. | 16 pc(s). | |

Metric

A2L type cable glands are suitable for un-armored cable, maintains flameproof Ex d and Increased Safety Ex e explosion protection.

General ordering data

| | | |
|------------|----------------------------|---------------------------------------------------------------------|
| Type | A2L/16/M16-WM | Version |
| Order No. | 1186880000 | A2L (Klippon unarmored Ex e/d cable gland), Cable glands, straight, |
| GTIN (EAN) | 4050118074345 | M 16 x 1.5, 16 mm, OD min. 4.5 - OD max. 8.7 mm, Brass, nickel- |
| Qty. | 24 pc(s). | plated |

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Accessories

Brass blanking plugs, VP HEX head Ex e/d



VP series stopping plugs provide a method of filling unused entries in Ex equipment while maintaining Flameproof Ex d and Increased Safety Ex e explosion protection and IP66/67/68 ingress rate.

General ordering data

| | | |
|------------|----------------------------|---------------------------------------------------------------------|
| Type | VP-HEX M16-EX W | Version |
| Order No. | 1218940000 | VP-HEX (Klippon Ex blanking plug with hexagon head), Blanking plug, |
| GTIN (EAN) | 4050118075564 | straight, M 16 x 1.5, 16 mm, Brass, nickel-plated |
| Qty. | 24 pc(s). | |

Plastic blanking plugs Ex e/i 7 Joule



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 | VP M16 EX SI 7J | Version |
| Order No. | 2066720000 | VPK EX 7J (Ex blanking plug, plastic, 7J), Blanking plug, in closed |
| GTIN (EAN) | 4050118415438 | state, M 16, 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), |
| Qty. | 100 pc(s). | Polyamide 6 |

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www.weidmueller.com**Accessories****Silicone seal material, -60°C - +70°C**

Polyamide cable glands, which are suitable for usage in explosion risk zones Ex e (increased safety) and Ex i (intrinsic safety).

Weidmüller offers a product family without restrictions and besides compliance with standards, the cable gland excels thanks to its increased impact resistance of 4/7 Joule and a possible temperature range down to -60°C without restrictions. They have been tested to the current standard and EN 60079-0 directive, they are ATEX and IECEx certified.

General ordering data

| | | |
|------------|----------------------------|----------------------------------------------------------------------|
| Type | VG M16 EXE 6-10 SI7J G4 | Version |
| Order No. | 2722090000 | VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M |
| GTIN (EAN) | 4050118821321 | 16, 10 mm, OD min. 6 - OD max. 10 mm, IP54, IP66, IP67, IP68 - 5 |
| Qty. | 50 pc(s). | bar (30 min.), Polyamide 6 |
| Type | VG M16 EXE 5-8 SI7J G4 | Version |
| Order No. | 2722080000 | VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M |
| GTIN (EAN) | 4050118821314 | 16, 10 mm, OD min. 5 - OD max. 8 mm, IP54, IP66, IP67, IP68 - 5 bar |
| Qty. | 50 pc(s). | (30 min.), Polyamide 6 |