

**KLIPPON POK 252512 EX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

The Klippon® POK enclosure range is made from a high-quality glass fibre reinforced polyester and is ideal for applications and environments where corrosion resistance, impact resistance and a high IP protection class are a requirement.

Key features of the extensive product range:

- Available in 17 sizes
- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area to ensure high ingress protection of IP66
- Impact resistance up to 7 Joules
- Mounting directly in the enclosure or using an internal mounting plate
- Direct wall mounting possible using fixing holes or mounting feet
- Fastening thread to attach mounting rails and plates
- Up to E60 fire rating dependent on the configuration
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

**General ordering data**

|               |                                                                                                                                                                                |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version       | Klippon POK (polyester empty enclosure), Empty enclosure, Height: 250 mm, Width: 255 mm, Depth: 120 mm, Material: Glass fibre-reinforced polyester, untreated, polished, black |
| Order No.     | <a href="#">1306120000</a>                                                                                                                                                     |
| Type          | KLIPPON POK 252512 EX                                                                                                                                                          |
| GTIN (EAN)    | 4050118108491                                                                                                                                                                  |
| Qty.          | 1 pc(s).                                                                                                                                                                       |
| Required tool | <a href="#">9008540000</a>                                                                                                                                                     |

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## Technical data

## Dimensions and weights

|                            |             |                             |            |
|----------------------------|-------------|-----------------------------|------------|
| Depth                      | 120 mm      | Depth (inches)              | 4.724 inch |
| Height                     | 250 mm      | Height (inches)             | 9.842 inch |
| Height of lowest version   | 120 mm      | Width                       | 255 mm     |
| Width (inches)             | 10.039 inch | Mounting dimension - height | 200 mm     |
| Mounting dimension - width | 235 mm      | Net weight                  | 2,841 g    |

## Temperatures

|                       |                  |
|-----------------------|------------------|
| Operating temperature | -55 °C... 100 °C |
|-----------------------|------------------|

## Cable glands, left

|     |    |     |    |
|-----|----|-----|----|
| M12 | 32 | M16 | 21 |
| M20 | 15 | M25 | 8  |
| M32 | 3  | M40 | 3  |
| M50 | 2  |     |    |

## Cable glands, right

|     |    |     |    |
|-----|----|-----|----|
| M12 | 32 | M16 | 21 |
| M20 | 15 | M25 | 8  |
| M32 | 3  | M40 | 3  |
| M50 | 2  |     |    |

## Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M12 | 36 | M16 | 32 |
| M20 | 10 | M25 | 10 |
| M32 | 8  | M40 | 3  |
| M50 | 2  |     |    |

## Certificate numbers enclosure

|                                           |                                                                                           |                                          |                           |
|-------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------|---------------------------|
| Approval conditions                       | ATEX, DNV, IECEX, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC, INMETRO | Attestation of Conformatiy No. (AoC)     | DE PS2600 160308 001ISS03 |
| Certificate No. (ATEX)                    | IBEXU13ATEX1003U                                                                          | Certificate No. (DNV)                    | TAE00002R2                |
| Certificate No. (IECEX)                   | IECEXIBE13.0003U                                                                          | Certificate no. (cULus)                  | E256877                   |
| Certificate no. Terminal Box (AEx)        | E223792                                                                                   | Certificate no. Terminal Box (ATEX)      | IBEXU13ATEX1004 X         |
| Certificate no. Terminal Box (IECEX)      | IECEX IBE 13.0004X                                                                        | Certificate no. Terminal Box (INMETRO)   | LMP 21.0021X              |
| Certificate no. Terminal Box (KOSHA)      | 16-AV4BO-0246X                                                                            | Certificate no. empty enclosure (AEx)    | E223792                   |
| Certificate no. empty enclosure (ATEX)    | IBEXU13ATEX1003 U                                                                         | Certificate no. empty enclosure (IECEX)  | IECEX IBE 13.0003U        |
| Certificate no. empty enclosure (INMETRO) | LMP 23.0528U                                                                              | Declaration of Conformatiy No. (DoC LVD) | DE PS2600 160412 001ISS02 |

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## General information

|                                 |                                                                                                 |                             |                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------|
| Access opening: height          | 238.02 mm                                                                                       | Access opening: width       | 243.02 mm                                                                       |
| Areas of use                    | Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation | Enclosure attachment        | Installation through the housing rear wall, Fixing lugs                         |
| Flange plate                    | No                                                                                              | Impact resistance           | 7 J ATEX version                                                                |
| Lid                             | Yes                                                                                             | Lid attachment              | Slotted/Phillips screws                                                         |
| Material                        | Glass fibre-reinforced polyester                                                                | Material thickness of cover | 5 mm                                                                            |
| Material thickness of enclosure | 5.99 mm                                                                                         | Number of lid screws        | 4                                                                               |
| Operating temperature, max.     | 100 °C                                                                                          | Operating temperature, min. | -55 °C                                                                          |
| Protection class (UL)           | Type 4, Type 4X                                                                                 | Protection degree           | IP66                                                                            |
| Seal material                   | Silicone                                                                                        | Standards                   | DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31 |
| Surface finish                  | untreated, polished                                                                             | Torque for lid screws       | 2.5 Nm                                                                          |
| UL 94 flammability rating       | V-0                                                                                             |                             |                                                                                 |

## horizontal assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 2x19 | WDU 16 / ZDU 16 | 2x15 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x38 | WDU 4 / ZDU 4   | 2x31 |
| WDU 6 / ZDU 6               | 2x23 |                 |      |

## vertical assembly

|                             |   |               |   |
|-----------------------------|---|---------------|---|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | * | WDU 4 / ZDU 4 | * |
|-----------------------------|---|---------------|---|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002503    | ETIM 7.0    | EC002503    |
| ETIM 8.0    | EC002503    | ETIM 9.0    | EC002503    |
| ETIM 10.0   | EC002503    | ECLASS 9.0  | 27-18-05-02 |
| ECLASS 9.1  | 27-18-05-02 | 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 |
| ECLASS 15.0 | 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                                 | afb385d0-c52b-4449-8502-203596817ab0 |

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## Technical data

## Approvals

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319239/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319239/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319245/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319245/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Certificate no. (cULus) | E256877                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Downloads

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CCC 2020322303002628 POK Assembly Enclosure</a><br><a href="#">UKCA TÜV 22 UKEX 7093 X</a><br><a href="#">UKCA TÜV 22 UKEX 7092 U</a><br><a href="#">INMETRO CERTIFICADO LMP 23.0528U KLIPPON® POK..Ex</a><br><a href="#">Attestation of Conformity - KlippON POK Empty Enclosures - AoC DE PS2600 160308 001ISS03</a><br><a href="#">UKCA Attestation of Conformity - KlippON POK Empty Enclosures - UKCA DE PS2600 220623 000ISS00</a><br><a href="#">14_20001</a><br><a href="#">TAE00002R2</a><br><a href="#">IECEXIBE13.0004X</a><br><a href="#">16-AV4BO-246X</a><br><a href="#">IBEXU13ATEX1003U</a><br><a href="#">IBEXU13ATEX1004X</a><br><a href="#">IECEXIBE13.0003U</a><br><a href="#">INMETRO CERTIFICADO LMP 21.0021X KLIPPON POK</a><br><a href="#">EU Declaration of Conformity - KlippON POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS02</a><br><a href="#">UKCA Declaration of Conformity - KlippON POK Empty Enclosures Ex - UKCA DE PS2600 220623 001ISS00</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tender specification                        | <a href="#">KlippON POK 252512 Ex_1306120000_DE</a><br><a href="#">KlippON POK 252512 Ex_1306120000_EN</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Brochures                                   | <a href="#">MB OVERV. PROCESS WD DE</a><br><a href="#">MB KLIPPON ENCL.TECN EN</a><br><a href="#">MB PROCESS EN</a><br><a href="#">FL KLIPPON POK EN</a><br><a href="#">FL SHIPBUILDING 2016 EN</a><br><a href="#">FL SHIPBUILDING 2016 EN</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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## Drawings

