



E1XF Ex d IIC / Ex e II Cable Gland Kit (PCP) (KA473 Series)

SUITABLE FOR USE WITH ALL BRAID WIRE ARMoured CABLES

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular, Braid wire armour cables with extruded polymeric bedding and oversheath
- Achieves IP66 seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Three part armour lock provides mechanical cable retention and electrical continuity
- Inner PCP seal grips cable bedding and provides additional ingress protection
- Suitable for most climatic conditions - weatherproof and waterproof
- Standard and Nickel plated versions available
- Full Installation Instructions supplied

Technical Information:

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC

Atex Compliance Standards: EN 60079-0, EN 60079-1, EN 60079-7, EN 61241-0, EN 61241-1

Certificate number Sira 02ATEX3092X

IECEX Compliance Standards: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 61241-0, IEC 61241-1

Certificate number IECEX SIR 10.0071X

Service temperature range -60°C to +90°C

May be used in:

- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 2 with Ex nA II equipment
- Zone 21 & 22 with Ex tD A21

Where the cable is effectively filled, may also be used in:

- Zones 1 & 2 with Ex d IIC equipment not containing a source of ignition & with a volume less than 2000cm³
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000cm³
- Zone 2 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with any volume
- Zone 2 with Ex nR II equipment

Kit comprises:

- E1XF Gland
- Brass Earth Tag
- Brass Locknut
- Nylon Sealing Washer
- PCP Shroud
- (2 per kit up to and including 25mm size)



Specifications

| Gland Kit Reference | | | | Cable Dimensions mm | | | | Gland Dimensions mm | | | | | |
|---------------------|---------------|------|-------------|---------------------|------|---------------|------|---------------------|------------------|-------------------|-----------------------|---------|---------|
| Design Reference | | Size | Qty per Kit | Under Armour Ø (A) | | Overall Ø (B) | | Braid Armour Wire Ø | Entry Thread (D) | Thread Length (E) | Protrusion Length (F) | Hexagon | |
| Standard | Nickel Plated | | | Min | Max | Min | Max | | | | | A/F (G) | A/C (H) |
| KA473-51 | KA473-51V | 16 | 2 | 3.8 | 8.7 | 8.0 | 13.2 | 0.2/0.3 | M16 × 1.5 | 15 | 41 | 23.4 | 26.7 |
| KA473-71 | KA473-71V | 20SS | 2 | 3.8 | 8.7 | 8.0 | 13.2 | 0.2/0.3 | M20 × 1.5 | 15 | 41 | 23.4 | 26.7 |
| KA473-52 | KA473-52V | 20S | 2 | 8.0 | 11.8 | 8.0 | 15.8 | 0.2/0.3 | M20 × 1.5 | 15 | 43 | 25.7 | 29.2 |
| KA473-53 | KA473-53V | 20 | 2 | 11.8 | 14.2 | 11.7 | 20.8 | 0.2/0.3 | M20 × 1.5 | 15 | 43 | 30.5 | 34.0 |
| KA473-55 | KA473-55V | 25 | 2 | 14.0 | 20.1 | 17.0 | 27.2 | 0.3/0.45 | M25 × 1.5 | 15 | 48 | 37.6 | 42.2 |
| KA473-56 | KA473-56V | 32 | 1 | 19.7 | 26.6 | 23.5 | 33.5 | 0.3/0.45 | M32 × 1.5 | 15 | 53 | 47.2 | 53.6 |
| KA473-57 | KA473-57V | 40 | 1 | 26.6 | 32.4 | 29.0 | 39.9 | 0.3/0.45 | M40 × 1.5 | 15 | 56 | 56.4 | 61.5 |
| KA473-58 | KA473-58V | 50S | 1 | 32.4 | 38.4 | 38.0 | 46.2 | 0.3/0.45 | M50 × 1.5 | 15 | 61 | 60.0 | 66.0 |
| KA473-59 | KA473-59V | 50 | 1 | 38.4 | 44.3 | 39.5 | 52.6 | 0.3/0.45 | M50 × 1.5 | 15 | 61 | 70.1 | 77.2 |
| KA473-60 | KA473-60V | 63S | 1 | 44.3 | 50.3 | 50.0 | 58.9 | 0.3/0.45 | M63 × 1.5 | 15 | 64 | 75.0 | 83.0 |
| KA473-61 | KA473-61V | 63 | 1 | 50.3 | 56.2 | 51.3 | 65.3 | 0.3/0.45 | M63 × 1.5 | 15 | 64 | 80.0 | 87.4 |
| KA473-62 | KA473-62V | 75S | 1 | 56.2 | 62.2 | 62.0 | 71.6 | 0.3/0.45 | M75 × 1.5 | 15 | 73 | 90.2 | 99.1 |
| KA473-63 | KA473-63V | 75 | 1 | 62.2 | 68.1 | 62.5 | 78.0 | 0.3/0.45 | M75 × 1.5 | 15 | 73 | 98.8 | 109.2 |

