

E1XF Ex d IIC / Ex e II KCA473 Series



The E1XF is a hazardous area gland that is a dual seal high performance cable gland suitable for braided cable.

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

Kit comprises:

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



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

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

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

