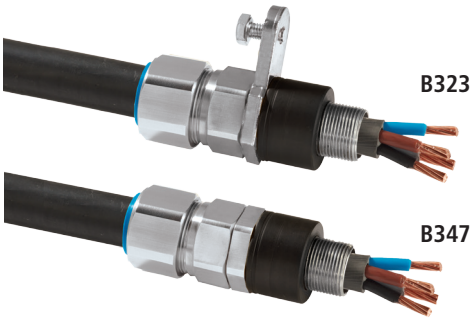

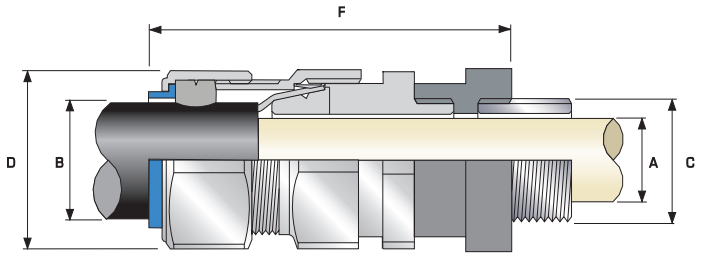

B347 Illustrated

B323 B347 ZEN

Insulated Industrial Cable Gland

For all types of Steel & Aluminium Wire Armoured Cables

- High quality durable materials
- Robust, heavy duty insulated design
- Metal-to-metal armour clamping
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Direct & remote installation
- Enables zoning of earthed neutral systems
- Eliminates circulating currents
- High capacity external earth connection (B347)
- Third party short circuit tested
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60˚C to +130˚C
- Superior EMC performance

CE PG

Earth Tags can only be fitted to the B323 & A323 ZEN gland types.

The Symmetrical Fault Current (kA) rating for 1 second applicable to the Cast Integral Earth Lug featured in the B347 and A347 products are as follows:
26.0 kA for Cable Gland sizes up to 40
43.0 kA for Cable Gland sizes 50S and above

Please refer to the CMP CW CIEL product page for dimensional details of the Cast Integral Earth Lug feature included in the B347 and A347 designs.

Aluminium version available for AWA cables. When ordering please substitute letter B in B323 & B347 with letter A.

TECHNICAL DATA	
Type	B323 / B347
Design Specification	BS 6121:Part 1:1989, GDCD 190, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Electrical Classifications*	Category B (B323) & Category C (B347)
GOST R Certificate	РОСС GB.АГ35.H00102
Ingress Protection Rating**	IP66
Cable Gland Material	Brass
Alternative Cable Gland Material	Nickel Plated Brass, Aluminium, Stainless Steel
Seal Material	CMP Thermoset Rubber
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Three Part Armour Lock With AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath

** Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444*
*** When CMP installation accessories are used. Refer to page 7 or www.cmp-products.com for further information.*

Cable Gland Selection Table

Refer to illustration at the top of the page.

Cable Gland Size	Entry Thread "C"	Cable Bedding Diameter "A"	Overall Cable Diameter "B"		Armour Range		Across Flats "D"	Across Corners "D"	Protrusion Length "F"	Ordering Reference (Brass Metric)		Shroud (B323)	Cable Gland Weight (Kgs)
		Max	Min	Max	Min	Max	Max	Max		With CIEL Lug (B323)	Without CIEL Lug (B347)		
20S	M20	11.6	9.5	15.9	0.8	1.25	24.0	26.4	73.6	20SB3231RA	20SB3471RA	PVC04	0.190
20	M20	13.9	12.5	20.9	0.8	1.25	30.5	33.6	74.9	20B3231RA	20B3471RA	PVC06	0.240
25S	M25	19.9	14.0	22.0	1.25	1.6	37.5	41.3	84.1	25SB3231RA	25SB3471RA	PVC09	0.350
25	M25	19.9	18.2	26.2	1.25	1.6	37.5	41.3	84.1	25B3231RA	25B3471RA	PVC09	0.350
32	M32	26.2	23.7	33.9	1.6	2.0	46.0	50.6	82.5	32B3231RA	32B3471RA	PVC11	0.470

Dimensions are displayed in millimetres unless otherwise stated