



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000422

Applicant and address

Peppers Cable Glands Limited
Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom

Manufacturer and address

Peppers Cable Glands Limited
Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom

Factory and address

Peppers Cable Glands Limited
Stanhope Road, Camberley, Surrey, GU15 3BT, United Kingdom

Product, series, specification and model

Stopper boxes

CR-S**

Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc,
Ex ta IIIC Da

Standards

GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021,
GB/T 3836.8-2021, GB/T 3836.31-2021

**This product(s) complies with the requirements of CNCA-C23-01: 2024
China Compulsory Certification Implementation Rule on Explosion
Protected Electrical Product.**

Issue date: 2026-07-24 Valid to: 2031-07-25

Detailed information and status of this certificate is available by using the QR code,
visiting CNEx's website or CNCA's website: www.cnca.gov.cn.

This translated document has no legal effect and shall not be used alone.



Director:

Nanyang Explosion Protected Electrical
Apparatus Research Institute Co., Ltd.



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Product information:

1. This certificate covers the following models:

– CR-S**

Design Options for all CR**** Range of Stopper boxes:

The entry component and conduit nut internal thread forms:

- ISO Metric to GB/T197 and GB/T2516, 6g fit (male) and 6H (female)
- NPT to ANSI/ASME B1.20.1

Alternative material of construction is as follow and denoted by letter designation in the type number:

- Brass to BS EN 12164 / BS EN 12165 / BS EN 12168 CW614N
CuZn39Pb3
- Stainless Steel to EN 10088-3 grades 316S11, 316S31 316L

Additionally, all metallic materials may be surface coated to limit electrolytic reaction between dissimilar materials, providing the coating does not alter the dimensions of the component part.

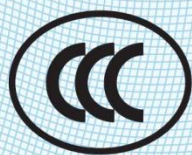
The CR-S** Range of conduit stopper boxes are suitable for use with circular cables, non-circular cables or conductors carried in conduit, providing a flameproof barrier entry into enclosure. Additionally, they may be used as a line bushing for terminating flying leads or for the direct inter connection of associated enclosures.

Stopper boxes Size	Standard Entry thread		Max cable diameter	Max cover cores	Max No of cores	Standard male connection thread size		Standard female connection thread size	
	Metric	NPT				Metric	NPT	Metric	NPT
20	M20×1.5	½"	14.0	12.5	40	M20	½"	M20	½"



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25	M25×1.5	3/4"	20.0	17.8	60	M25	3/4"	M25	3/4"
32	M32×1.5	1"	26.3	23.5	80	M32	1"	M32	1"
40	M40×1.5	1 1/4"	32.2	28.8	130	M40	1 1/4"	M40	1 1/4"
50S	M50×1.5	1 1/2"	38.2	34.2	200	M50	1 1/2"	M50	1 1/2"
50	M50×1.5	2"	44.1	39.4	400	M50	2"	M50	2"
63S	M63×1.5	2"	50.1	44.8	400	M63	2"	M63	2"
63	M63×1.5	2 1/2"	56.0	50.0	425	M63	2 1/2"	M63	2 1/2"
75S	M75×1.5	2 1/2"	62.0	55.4	425	M75	2 1/2"	M75	2 1/2"
75	M75×1.5	-	68.0*	60.8*	425	M75	3"	M75	3"
75	-	3"	68.0	60.8	425	-	3"	-	3"
80	M80×2.0	3"	72.0	64.4	425	M80	3"	M80	3"
85	M85×2.0	3"	78.0	69.8	425	M85	3"	M85	3"
90	M90×2.0	3 1/2"	84.0	75.1	425	M90	3 1/2"	M90	3 1/2"
100	M100×2.0	3 1/2"	90.0	80.5	425	M100	3 1/2"	M100	3 1/2"

Note: 2 1/2" NPT thread option (Max Cable Diameter= 65.0) (Max Diameter over Cores=58.1) *

Stopper boxes: CR-S** Type

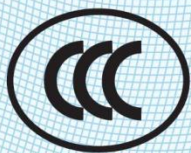
Type	C	R	-	S	*	*
					B S	F M
B S	B:Brass material S:Stainless Steel material					
F M	F:Female conduit option M:Male conduit option					

The CR**** Range of Stopper Boxes, when installed with the silicone O-ring provided by the manufacturer, have an ingress protection rating of IP66 and IP68 (tested at a depth of 100 m for 7 days).



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Ex marking: Ex db I Mb, Ex eb I Mb, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da

- Producers should organize production in accordance with the technical documents approved by the certification body.

2. Specific conditions of use:

- The stopper boxes shall not be used in enclosures where the temperature, at the point of entry/mounting, is outside of the range -60°C~+135°C.
- The Ingress Protection rating that is required to ensure compliance with the standards used in this certificate was determined by testing the devices fitted into a representative enclosure having a smooth flat mounting surface. In practice, the interface between the male thread of the stopper boxes and their associated enclosure cannot be defined therefore, it is the user's responsibility to ensure that the appropriate ingress Protection level is maintained at these interfaces.
- The threaded entry component threads without interface O-ring seals installed in an explosive dust atmosphere, within threaded entries, shall only be fitted into enclosures that have either:
 - Parallel entries that will ensure that a minimum of 5 full threads of contact will be maintained.
 - Tapered entries that will ensure that a minimum of 3½ full threads of contact will be maintained.
- See instruction for other information.

3. Certificate change information:

- This certificate is issued for renewal upon expiration. The first issuance date of the certificate is: July 26, 2021.



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