



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2020312313000313

Applicant Hawke International (A Division of Hubbell Limited, A member of the Hubbell group of Companies)

Address Oxford Street West, Ashton-Under-Lyne, Lancashire, OL7 0NA, UK

Manufacturer Hawke International (A Division of Hubbell Limited, A member of the Hubbell group of Companies)

Address Oxford Street West, Ashton-Under-Lyne, Lancashire, OL7 0NA, UK

Production Factory Hawke International (A Division of Hubbell Limited, A member of the Hubbell group of Companies)

Production Address Oxford Street West, Ashton-Under-Lyne, Lancashire, OL7 0NA, UK

Product Cable Glands with Compression Seals

Model/Type 501/453 RAC

Ex marking Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db

Reference Standards GB/T 3836.1-2021, GB/T 3836.2-2021, GB/T 3836.3-2021, GB/T 3836.31-2021

Certification mode Type Test + Initial Factory Inspection + Post-Certification Surveillance

The product(s) is verified and certified according to CNCA-C23-01: 2019 *China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product* and CNEC-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (3 pages).

Initial issue date: 2020-12-09

Issued date: 2023-04-29

Valid to: 2025-12-08

The validity of this certificate is maintained through the regular supervision of the issuing authority during the validity period.

Where any discrepancy arises between the English translation and the original Chinese version, the Chinese version shall prevail.

Director:



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



<http://www.ccc-cnex.com>
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CN 0001855



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Product information:

1. This certificate covers the following models:

- 501/453 RAC

See the following table for detailed specification:

Spec. code	THREAD TYPE		THREAD LENGTHS	
	M	NPT	M	NPT
Os	M16×1.5	1/2"	15.0	22.5
	M20×1.5			
O	M16×1.5	1/2"	15.0	22.5
	M20×1.5			
A	M20×1.5	1/2"	15.0	22.5
		3/4"		22.8
B	M25×1.5	3/4"	15.0	22.8
		1"		27.65
C	M32×1.5	1"	15.0	27.65
		1 ¼"		28.27
C2	M40×1.5	1 ¼"	15.0	28.27
		1 ½"		28.69
D	M50×1.5	2"	15.0	29.53
E	M63×1.5	2 ½"	15.0	42.56

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F	M75×1.5	3"	15.0	44.15
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The Type 501/453 RAC Cable Gland is intended for use with an effectively filled and circular armoured or braided cable and comprises the following components:

- a) An entry component in the size range M16...M75, NPT1/2"...NPT3"
- b) A compressible sealing ring
- c) A combined compression spigot and armour clamping cone
- d) A reversible armour clamping ring
- e) A middle nut
- f) An outer seal assembly (sleeve seal and support ring)
- g) A back nut
- h) An optional earth continuity device for use with metallic inner sheathed cables

Ingress Protection: IP66/IP67

Ex marking: Ex db IIC Gb, Ex eb IIC Gb, Ex tb IIIC Db

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

2. Specific conditions of safety use:

- Glands are suitable for use within an operating temperature range of -60°C to +100°C.
- When the glands are used for increased safety or dust protection the entry thread shall be suitably sealed to maintain the ingress protection rating of the associated enclosure.
- Glands for use with conduit, unarmoured or braided cables are only suitable for fixed installations, the cable for which must be effectively clamped to prevent pulling and twisting.
- See instruction for other information.

3. Certificate related report(s):

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- Type test report: CQST2010C064R, CQST2010C064/01
 - Factory inspection report: CN2023Q030133
4. Certificate change information:
- Entry size adds NPT thread is as the first change on March 8, 2021.
 - 2nd change on April 29, 2023: Updated the standards for certification.

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