



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2021312313000415

Applicant Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Address S.S Bakir Piriñ Sanayi Sitesi Leylak Caddesi no:16, TR - 34524
Beylikdüzü – Istanbul, Turkey
Manufacturer Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Address S.S Bakir Piriñ Sanayi Sitesi Leylak Caddesi no:16, TR - 34524
Beylikdüzü – Istanbul, Turkey
Production Factory Bimed Teknik Aletler Sanayi Ve Ticaret A.S.
Production Address S.S Bakir Piriñ Sanayi Sitesi Leylak Caddesi no:16, TR - 34524
Beylikdüzü – Istanbul, Turkey
Product Stopping plugs
Model/Type Tx-xx-x, HITx-xx-x
Ex marking Ex eb IIC Gb, Ex tb IIIC Db
Reference Standards GB/T 3836.1-2021, 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 CNEX-C2301-2019 *Guideline of China Compulsory Certification Implementation Rule on Explosion Protected Electrical Product*.

See Annex for the detailed product information (5 pages).

Initial issue date: 2021-07-06

Issued date: 2023-04-22

Valid to: 2026-07-05

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>
ccc.china-ex.com

Add: No. 20, North Zhongjing Road, Nanyang, Henan, P. R. China
Tel: 0377-63239734

P.C.: 473008

Email: ccc@cn-ex.com

CN 0001933



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Product information:

1. This certificate covers the following models:

- Tx-xx-x, HITx-xx-x

Plugs series Tx-xx-x and HITx-xx-x are used to close unused cable entry of an enclosure.

See the following table for detailed type designation:

<u>I</u>	x	-	x	x	-	x
<u>HIT</u>	x	-	x	x	-	x
	1	-	2	3	-	4

1	Thread type: - N: NPT - P: Metric, pitch 1.5 - B: PG
2	Size and dimensions (see table below).
3	Flat washer material: Blank: None C: Chloroprene washer S: Silicone washer WF: Fiber washer WE: EPDM Washer WN: NBR washer
4	O-ring material: Blank: None OC: Chloroprene O-ring OS: Silicone O-ring OE: EPDM O-ring

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Note: O-ring or flat washer must be always fitted with plug

The size codes and standard thread types of male Plugs are listed on the following Table:

Model	Size	Torque value [Nm]	Model	Size	Torque value [Nm]	Model	Size	Torque value [Nm]	Mechanical risk
TP-X02	M12	1.5	TN-X02	NPT1/4"	1.5	-	-	-	Low (4J)
TP-X01	M16	1.5	-	-	-	-	-	-	
TP-X01L	M16	1.5	-	-	-	-	-	-	
TP-X01HL	M16	1.5	TN-X01HL	NPT 3/8"	1.5	-	-	-	
HITP-X1	M20	2	-	-	-	TB-X1	PG7	1.5	
TP-X1L	M20	2	-	-	-	-	-	-	
TP-X1HL	M20	2	TN-X1HL	NPT 1/2"	2	-	-	-	
TP-X2	M25	2.5	-	-	-	TB-X2	PG9	1.5	
-	-	-	-	-	-	TB-X2L	PG9	1.5	
TP-X2HL	-	2.5	TN-X2HL	-	2.5	TB-X2HL	PG9	1.5	
TP-X3	M32	4	TN-X3	NPT 1"	4	TB-X3	PG11	1.5	
TP-X4	M40	6	TN-X4	NPT 1-1/4"	6	TB-X4	PG13.5	2	
-	-	-	-	-	-	TB-X4L	PG13.5	2	
-	-	-	-	-	-	TB-X4HL	PG13.5	2	
TP-X5	M50	8	TN-X5	NPT	8	TB-X5	PG16	2	

Issued date: 2023-04-22

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				1-1/2"				
TP-X6	M63	10	TN-X6	NPT 2"	10	TB-X6	PG21	2.5
-	-	-	-	-	-	TB-X6 HL	PG21	2.5
-	-	-	-	-	-	TB-X7	PG29	4
-	-	-	-	-	-	TB-X8	PG36	6
-	-	-	-	-	-	TB-X9	PG42	8
-	-	-	-	-	-	TB-X1 0	PG48	10

Model	Size	Torque value [Nm]	Model	Size	Torque value [Nm]	Model	Size	Torque value [Nm]	Mechanical risk
HITP-X02	M12	1.5	HITN-X0 2	NPT 1/4"	1.5	HITB-X1	PG7	1.5	High (7J)
HITP-X01	M16	1.5	-	-	-	HITB-X2	PG9	1.5	
HITP-X01L	M16	1.5	-	-	-	HITB-X2L	PG9	1.5	
HITP-X01 HL	M16	1.5	HITN-X0 1HL	NPT 3/8"	1.5	HITB-X2H L	PG9	1.5	
HITP-X1	M20	2	-	-	-	HITB-X3	PG11	1.5	
HITP-X1L	M20	2	-	-	-	HITB-X4	PG13.5	2	
HITP-X1H L	M20	2	HITN-X1 HL	NPT 1/2"	2	HITB-X4L	PG13.5	2	
HITP-X2	M25	2.5	-	-	-	HITB-X4H L	PG13/5	2	
HITP-X2H L	M25	2.5	HITN-X2 HL	NPT 3/4"	2.5	HITB-X5	PG16	2	
HITP-X3	M32	4	HITN-X3	NPT 1"	4	HITB-X6	PG21	2.5	

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HITP-X4	M40	6	HITN-X4	NPT 1-1/4"	6	HITB-X6H L	PG21	2.5
HITP-X5	M50	8	HITN-X5	NPT 1-1/2"	8	HITB-X7	PG29	4
HITP-X6	M63	10	HITN-X6	NPT 2"	10	HITB-X8	PG36	6
-	-	-	-	-	-	HITB-X9	PG42	8
-	-	-	-	-	-	HITB-X10	PG48	10

Ingress protection: IP 66 / IP 68 (50 m for 30 min.)

Ex marking: 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:

- The Plugs shall be used where a protection against risk of mechanical damage is provided, when they are suitable for low mechanical risk (4J) only.

- The plugs shall be installed in such a way that the temperature at the mounting point will remain within the following service temperature ranges:

Series	Service temperature	Flat washer materials	OR materials	Mechanical risk
Tx-xx-x	-40~+80°C	chloroprene(neoprene) silicone KLINGERSIL C-4400 EPDM rubber, NBR	chloroprene(neoprene) silicone EPDM rubber, NBR	Low (4J)
HITx-xx-x	-30~+70°C	NBR	NBR	High (7J)
	-40~+70°C	chloroprene(neoprene) EPDM rubber	chloroprene(neoprene) EPDM rubber	

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	-60~+70°C	silicone	silicone
	-60~+70°C	KLINGERSIL C-4400	-

- See instruction for other information.

3. Certificate related report(s):

- Type test report: CQST2105C104, CQST2105C104/01
- Factory inspection report: CN2021Q010125

4. Certificate change information:

- 1st change on April 22, 2023: Updated the standards for certification.

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