



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.:	IECEx KLCS 23.0020U	Page 1 of 4	<u>Certificate history:</u>
Status:	Current	Issue No: 2	Issue 1 (2025-03-11) Issue 0 (2024-01-09)
Date of Issue:	2025-05-28		
Applicant:	KLEEV MIDDLE EAST FZE Plot No. MO 0767, Street No. N200, Jebel Ali Free Zone (North), Dubai, P.O. Box: 17259 United Arab Emirates		
Ex Component:	Enclosure, KPE XX YYY...Series		
<i>This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).</i>			
Type of Protection:	Increased Safety 'e' and Dust Protection by Enclosure 't'		
Marking:	Ex eb IIC Gb Ex tb IIIC Db IP 66 Service Temperature Range: -35 °C to +160 °C		

Approved for issue on behalf of the IECEx
Certification Body:

Vikram Paranjpe

Position:

Dy. Director (Operations)

Signature:
(for printed version)

Date:
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Karandikar Laboratories Certification Services
Gat No. 142, Boisar Chillar Rd.,
Opp. Union Park, At Betegaon,
Boisar (E), Tal- Palghar
Maharashtra 401501
India





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Manufacturer: **KLEEV MIDDLE EAST FZE**
Plot No. MO 0767, Street No. N200,
Jebel Ali Free Zone (North),
Dubai, P.O. Box: 17259
United Arab Emirates

Manufacturing
locations: **KLEEV MIDDLE EAST FZE**
Plot No. MO 0767, Street No. N200,
Jebel Ali Free Zone (North),
Dubai, P.O. Box: 17259
United Arab Emirates

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-31:2022 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"
Edition:3.0

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[IN/KLCS/ExTR23.0030/00](#)

[IN/KLCS/ExTR23.0030/01](#)

[IN/KLCS/ExTR23.0030/02](#)

Quality Assessment Report:

[IN/KLCS/QAR23.0010/00](#)



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Ex Component(s) covered by this certificate is described below:

Enclosure, type: KPE XX YYY...Series is a range of Ex component enclosures that are manufactured in painted mild steel, galvanised steel or stainless steel SS304/SS304L/SS316/SS316L. The enclosures consist of a main body, a hinged lid and four wall mounting brackets. The cover is fastened to the body with locks or bolts. Optionally an entry can be provided for breathing and draining device (Certified as an Ex Equipment) on the bottom face of the vertically mounted enclosure and up to four gland plates on the walls of the enclosure may be provided. The enclosures provide an ingress protection rating of IP 66. All enclosures have an internal and external earth facility and the gaskets utilized between the hinged lid and main body are manufactured from silicon.

For Model designation and sizes of the enclosure refer ANNEX to IECEx KLCS 23.0020U, Issue 02

SCHEDULE OF LIMITATIONS:

1. The service temperature range -35 °C to +160 °C shall not be exceeded.
2. Earthing facility is suitable for maximum conductor size of 300 mm². Hence phase conductor size shall be limited to up to 600 mm².



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Model/size KPEXYYYY200012001000 has been added.

Annex:

[ANNEX to IECEx KLCS 23.0020U-02.pdf](#)



ANNEX to IECEx KLCS 23.0020U, Issue No. 02

Date: 28/05/2025

Model Designation:

KPE	XX	YYY	HHH	WWW	DDD
Kleev product	Material grade	Fastening mechanism	Height	Width	Depth
	01 = ASTM A240 Gr. 304 02 = ASTM A240 Gr. 304L 03 = ASTM A240 Gr. 316 04 = ASTM A240 Gr. 316L 05 = EN 10025-2 Gr. S275JR 06 = EN 10025-2 Gr. S235JR 07 = IS 513 CR-2 08 = ASTM A653 CS-A	ENL: Enclosure with locks ENB : Enclosure with fasteners (bolted)	0200 mm to 2000 mm	150 mm to 1200 mm	150 mm to 1000 mm

The enclosures are available in the following sizes:

Sr.No	Model	Height mm	Width mm	Depth mm
1	KPEXXXXY200150150	200	150	150
2	KPEXXXXY260260150	260	260	150
3	KPEXXXXY260260200	260	260	200
4	KPEXXXXY300200150	300	200	120
5	KPEXXXXY300200200	300	200	200
6	KPEXXXXY380380150	380	380	150
7	KPEXXXXY380380200	380	380	200
8	KPEXXXXY400500150	400	500	150
9	KPEXXXXY400500200	400	500	200
10	KPEXXXXY500600200	500	600	200
11	KPEXXXXY600450200	600	450	200
12	KPEXXXXY760500200	760	500	200
13	KPEXXXXY900600300	900	600	300
14	KPEXXXXY1000500300	1000	500	300
15	KPEXXXXY1500800500	1500	800	500
16	KPEXXXXY2000800800	2000	800	800
17	KPEXXXXY200012001000	2000	1200	1000

The enclosures may also be manufactured to sizes not specified in the table provided that any given dimension is not larger than the respective dimension of the largest enclosure or smaller than the respective dimension of the smallest enclosure.

For KPE XX ENL version the distances between locks shall be maximum 200 mm and distance between two cable entries or distance between cable entry and the edge of the wall is minimum 15mm.

For KPE XX ENB version the distances between fasteners shall be maximum 454 mm and distance between two cable entries or distance between cable entry and the edge of the wall is minimum 22mm.

END OF DOCUMENT