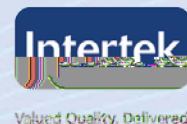


EU-Type Examination Certificate



SCHEDULE

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When used as terminal enclosures, the permissible quantity, size & combination of terminals shall be subject to the restrictions given in the following table:

Type No.	Permissible Terminals										
	Size (mm ²)	2.5	4	6	10	16	25	35	50	70	95
	Rating (A)	20	26	33	45	60	75	95	125	170	210
EJB 01	No of Terminals	20	16	08	06	04	-	-	-	-	-
	Watt Dissipated /Terminal	1.1	1.3	1.5	1.8	2.3	-	-	-	-	-
EJB 02	No of Terminals	30	24	12	10	08	06	06	-	-	-
	Watt Dissipated /Terminal	1.3	1.5	1.7	2.1	2.6	2.9	3.6	-	-	-
EJB 03	No of Terminals	40	32	16	12	10	08	08	06	04	04
	Watt Dissipated /Terminal	1.6	1.7	2.0	2.4	2.9	3.2	3.9	5.3	7.3	9.0

The marking of the equipment or protective system shall include the following:-



**II 2 GD Ex db IIB+H₂ [1] Gb - +[3]
Ex tb IIIC [2] Db - +[3] IP66**

Type No.	[1] T CLASS	T6	T5	T6	T5
	[2] Dust Temp.	T80 C	T95 C	T80 C	T95 C
	[3] Max. Ambient	+40 C	+55 C	+60 C	+75 C
EJB 01	Max Watt Dissipation	60W	60W	36W	36W
EJB 02		76W	76W	42W	42W
EJB 03		87W	87W	60W	60W

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14. Report Number

Intertek Certification Report No. G101942441.
Intertek India Report reference No CE-JOB-DEL-14-000469-008 to 011 dated July 2015.

15. Conditions of Certification

(a). Specific Conditions of Safe Use

1. Only suitably rated and certified bushings shall be selected referring to the equipment marking. When connecting to other certified enclosures a minimum distance of 40mm to be maintained from the flange joint.
2. Enclosures are to be installed in vertical position only.
3. No modifications must be made to the flame paths without consultation of the drawings listed on the ExTR.
4. Use cables suitable for operating temperature referring to marking as per recommendation of IEC/EN 60079-14.

(b). Conditions of Manufacture - Routine Tests

A routine overpressure test in accordance with EN 60079-1:2014 Clause 15.2.3 shall be carried out by the manufacturer on each EJB Series at a pressure of 10 bar/145 PSI for a period of at least 10 seconds and test results recorded. The overpressure test shall be considered satisfactory if no permanent deformation or damage invalidating type of protection is observed. The joints shall not have been permanently enlarged and no leakage through the walls of the enclosure shall be observed.

The configuration shall also be in accordance with the manufacturers work instruction entitled "Work Instruction for configuration of products from EJB Series Enclosures".

16. Essential Health and Safety Requirements (EHSRs)

The relevant EHSR's have been identified and assessed in Intertek Report Ref. CE-JOB-DEL-14-000469-008 to 011 and Intertek UK Project G101942441 dated July 2015.

17. Drawings and Documents

Title	Drawing No.:	Rev.	Date:	Sheet
FLAMEPROOF CONTROL STATION ENCLOSURE - EJB SERIES	EX.PMI.EJB.201	0	10.04.2015	1 of 9
FLAMEPROOF CONTROL STATION ENCLOSURE - EJB SERIES	EX.PMI.EJB.201	0	10.04.2015	2 of 9
FLAMEPROOF CONTROL STATION ENCLOSURE - EJB SERIES	EX.PMI.EJB.201	0	10.04.2015	3 of 9
EJB 01 LID (MACHINED CASTING)	EX.PMI.EJB.201	0	10.04.2015	4 of 9
EJB 01 BASE (MACHINED CASTING)	EX.PMI.EJB.201	0	10.04.2015	5 of 9
EJB 02 LID (MACHINED CASTING)	EX.PMI.EJB.201	0	10.04.2015	6 of 9
EJB 02 BASE (MACHINED CASTING)	EX.PMI.EJB.201	0	10.04.2015	7 of 9
EJB 03 LID (MACHINED CASTING)	EX.PMI.EJB.201	0	10.04.2015	8 of 9
EJB 03 BASE (MACHINED CASTING)	EX.PMI.EJB.201	0	10.04.2015	9 of 9

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Details of Certificate changes Issue 01

To permit the following change:

1. Change of the Certificate Holder and Addition of other Manufacturing location:

Manufacturer 1	Manufacturer 2
ROSE Systemtechnik GmbH Erbeweg 13-15 32457 Porta Westfalica Germany	Phoenix Mecano (India) Pvt. Ltd. Plant - I & II: Pirangut Industrial Area, Post Ghotawade, Plot 388/389, Village Bhare, Taluka Mulshi, Distt. Pune - 412 115 India

2. Updating of the manufacturers name and address in the drawings title block and on the label.

Report Number

Intertek Certification Report No. G102517397 dated April 2016.

Conditions of Certification

(a). Specific Conditions of Safe Use

1. Only suitably rated and certified cable glands, blanking elements, thread adapter to be used referring to the equipment marking.
2. Only suitably rated and certified bushings shall be selected referring to the equipment marking. When connecting to other certified enclosures a minimum distance of 40mm to be maintained from the flange joint.
3. Each entry shall have no more than one thread adapter. A blanking element shall not be used with thread adapter.
4. Enclosures are to be installed in vertical position only.
5. No modifications must be made to the flame paths without consultation of the drawings listed on the ExTR.
6. Use cables suitable for operating temperature referring to marking as per recommendation of IEC/EN 60079-14.

(b). Conditions of Manufacture - Routine Tests

See original certificates

Essential Health and Safety Requirements (EHSR's)

The relevant EHSR's have been identified and assessed in Intertek UK Project G102517397 dated April 2016.

Drawings and Documents

Title	Drawing No.:	Rev.	Date:
FLAMEPROOF CONTROL STATION ENCLOSURE – EJB SERIES – Sheet 1	EX.PMI.EJB.201	1	27.11.2015
FLAMEPROOF CONTROL STATION ENCLOSURE – EJB SERIES – Sheet 2	EX.PMI.EJB.201	1	27.11.2015
FLAMEPROOF CONTROL STATION ENCLOSURE – EJB SERIES – Sheet 3	EX.PMI.EJB.201	1	27.11.2015
EJB 01 LID (MACHINED CASTING) – Sheet 4	EX.PMI.EJB.201	1	27.11.2015
EJB 01 BASE (MACHINED CASTING) – Sheet 5	EX.PMI.EJB.201	1	27.11.2015
EJB 02 LID (MACHINED CASTING) – Sheet 6	EX.PMI.EJB.201	1	27.11.2015
EJB 02 BASE (MACHINED CASTING) – Sheet 7	EX.PMI.EJB.201	1	27.11.2015
EJB 03 LID (MACHINED CASTING) – Sheet 8	EX.PMI.EJB.201	1	27.11.2015
EJB 03 BASE (MACHINED CASTING) – Sheet 9	EX.PMI.EJB.201	1	27.11.2015

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SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE NUMBER ITS15ATEX18302X Issue 02

Note : Equipment marking shall be completed by using type of protection e, i, [i], m, q for certified equipment or components used for assembly.

Report Number

Intertek Certification Report No. G102913924

Intertek India Report reference No CE-JOB-DEL-17-000103-001 to 004 dated March 2017.

Conditions of Certification

(a). Specific Conditions of Safe Use

See original certificates and Issue 1

(b). Conditions of Manufacture - Routine Tests

A routine overpressure test in accordance with EN 60079-1:2014 Clause 15.2.3 shall be carried out by The manufacturer on each EJB Series (EJB 01, EJB 02 & EJB 03) at a pressure of 10 bar/145 PSI and (EJB 06, EJB 09 & EJB 10) at a pressure of 11.5 bar / 166.8 PSI for a period of at least 10 seconds and test results recorded. The overpressure test shall be considered satisfactory if no permanent deformation or damage invalidating type of protection is observed. The joints shall not have been permanently enlarged and no leakage through the walls of the enclosure shall be observed.

The configuration shall also be in accordance with the manufacturers work instruction entitled "Work Instruction for configuration of products from EJB Series Enclosures".

Essential Health and Safety Requirements (EHSR's)

EHSR's contained within the new directive are technically identical and therefore the EHSR checklists contained in the original report G101942441 dated July 2015 are considered to be with sufficient justification for compliance with the EHSR's contained in 2014/34/EU.

