



EU-Declaration of conformity

in accordance with the Directive 2014/34/EU (Directive-ATEX)

Herewith we declare that the switch boxes DRA are intended for use in potentially explosive atmospheres and comply with the requirements of the directive 2014/34/EU.

The switch boxes were developed and constructed in compliance with following harmonised standards:

EN 60079-0: 2018	Explosive atmospheres – Part 0: Equipment - General requirements
EN 60079-1: 2014	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosure “d”
EN 60079-31: 2014	Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure “t”

Marking of the box:  II 2 G Ex db IIB T6 Gb
II 2 D Ex tb IIIC T80°C Db
 0123


EG type-examination certificate: **IBExU17ATEX1050X**
Notified body: IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
D – 09599 Freiberg
Identification number: 0637

The harmonized standards EN60079-0: 2018 has been compared to the standard used for certification purposes, and no changes in the state of the art apply to the equipment.

Ettlingen, 27.05.2021

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Place, Date


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Daniel Wise
Director


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Ralf Tabery
Explosion Protection supervisor

EU-Konformitätserklärung

im Sinne der Richtlinie 2014/34/EU (ATEX-Richtlinie)

Wir erklären hiermit, dass die nachstehend bezeichneten Geräte zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen:

Endschaltermodul Typ DRA

in der gelieferten Version die Anforderungen der Richtlinie 2014/34/EU erfüllen.

Die Geräte wurden unter Anwendung nachfolgender harmonisierter Normen entwickelt und konstruiert:

EN 60079-0: 2018

Explosionsgefährdete Bereiche – Teil 0:
Betriebsmittel – Allgemeine Anforderungen

EN 60079-1: 2014

Explosionsfähige Atmosphäre – Teil 1:
Geräteschutz durch druckfeste Kapselung „d“

EN 60079-31: 2014

Explosionsfähige Atmosphäre – Teil 31:
Geräte-Staubexplosionsschutz durch Gehäuse „t“

Kennzeichnung



II 2 G Ex db IIB T6 Gb
II 2 D Ex tb IIIC T80°C Db
0123

EG-Baumusterprüfbescheinigung:
Benannte Stelle:

IBExU17ATEX1050X
IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
D – 09599 Freiberg
0637

Kennnummer:

Die harmonisierte Norm EN60079-0: 2018 wurde mit den Normen verglichen, die für die EG-Baumusterprüfung verwendet wurden. Es ergaben sich keine Änderungen am Stand der Technik des Gerätes.

Ettlingen, 27.05.2021

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Ort, Datum

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Daniel Wise
Geschäftsführer

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Ralf Tabery
Explosionsschutzbeauftragter

Anhang / schedule

Sensor	Sensorbox
Crouzet 83.161.3	DR CR3 AS AZ0, DR CR3 AS AZ1, DR CR3 AS AZ1 3M20 DR CR3 AS AZ0 TT, DR CR3 AS AZ1 TT, DR CR3 AS AZ2 3M20 TT DR CR3 AS AZ0 N, DR CR3 AS AZ 1 N DR CR3 SE1H AZ0, DR CR3 AS AZ0 NTTUL DR CR3 AS AMZ0, DR CR3 AS AMZ2 DR CR3 AS AAZZ0, DR CR3 AS AAZZ1 DR CR3 AS AAZZ0 DPDT, DR CR3 AS AAZZ0 SPDT N DR CR3 AS AAZZ0-ÖS, DR CR3 AS AAZZ0-ÖSF DR CR3 AS AAZZ0 PL-ÖS
Crouzet 83.161.8	DR CR8 AS AZ0, DR CR8 AS AAZZ 0, DR CR8 AS AAZZ 0 DPDT DR CR8 AS AZ0 TT; DR CR8 AS AZ0 T DR CR8 AS AZ0N, DR CR8 AS AAZZ 0N DPDT
Honeywell VS15S05	DR HOV15 AS AZ1
P+F NJ2-V3-N	DR PF2V3N AS AZ0, DR PF2V3N AS AZ0 N,
P+F NBB2-V3-E2	DR PF2V3E AS AZ0, DR PF2V3E AS AZ1
P+F NBB2-V3-E2-3G-3D	DR PF2V3E3G3D AS AZ0
P+F NBB3-V3-Z4	DR PF3V3Z AS AZ0, DR PF3V3Z AS AZ0 N; DR PF 3V3Z AS AZ1
P+F NBB4-12GM40-E3	DR PFB412E AS AZ
P+F NBN3-F25F-E8-P	DR PFF25E AS AZ0
P+F NBN4-12GM40-Z0	DR PF412Z AS AZ0
P+F NCB2-12GM35-N0	DR PFC212MN AS AZ0
P+F NCB2-V3-N0	DR POTEN ASAZ0 PF2V3N0
P+F NJ2-12GK-SN	DR PF212KS AS AZ0 TT, DR PF212KS AS Z0 TT
P+F NJ2-12GK-N	DR PF212KN AS AZ0, DR PF212KN AS AZ0 N
P+F SJ3,5-N	DR PF3N AS AZ0
P+F SJ3,5-SN	DR PF3S AS AZ0, DR PF3S AS AZ0 TT, DR PF3S AS Z0
P+ F SJ3,5-S1N	DR PF3S1 AS AZ0, DR PF3S1 AS AZ0 N
IFM IS709	DR IF709S AS AZ0 TT
Meder KK11/M8/-1C90C-500W	DR MEMK11 AS AZ 0N
Rotech FRELCK16	DR FREK AS AZ0, DR FREK AS AZ0N, DR FREK AS 2ZY AZ0
Potentiometer	DR POT AS AZ0 DR POTCR3EN AS AZ0, DR POTCR3EN AS AZ PL DR POTCR3EN AS AZ0 PLB0; DR POTEN ASAZ0 PF2V3N0