

EXPLOSION PROOF PRODUCTS **ELSCOM**



Ex de Distribution Board Aluminium Alloy

Explosion Protection

- **Certificate:** CE ATEX & IECEx
- **Model Number:**
EDB-5050, EDB-7550,
EDB-7575
- **Gas & Dust Class:** ATEX (Ex) IIB + H₂ T4 Gb
IECEx Ex de IIB + H₂ T4 Gb IP56

Technical Data

- Degree of Protection: IP56 (IEC/EN 60529)
- Used in Hazardous Area: Zone 1, Zone 2
- Ambient Temperature: -40 to +60°C
- Ambient Humidity: 95%RH
- Pollution Degree: 1 Degree
- Enclosure Material
Ex "d": Aluminium Alloy/Al oxide & PTFE
Ex "e": Stainless Steel (ASTM A240-316)
- Gasket Material
Ex "d": Silicon
Ex "e": Silicon, EPDM
- International Separation: Form 2B
- Rated Voltage: 690 / 230Vac
- Rated Current
EDB-5050: 160A (Standard Device)
EDB-7550: 250A (Standard Device)
EDB-7575: 400A (Standard Device)
- Quantity of Feeder
EDB-5050: max. 12 Feeders
EDB-7550: max. 21 Feeders
EDB-7575: max. 35 Feeders
- Applied Standard
IEC / EN 60079-0: 2011 / 2012
IEC / EN 60079-1: 2007 / 2007
IEC / EN 60079-7: 2006 / 2007



[EDB-7550]

Ex de Distribution Board Stainless Steel

Explosion Protection

- **Certificate:** CE ATEX & IECEx
- **Model Number:**
EDB-5035S, EDB-5050S
EDB-7550S, EDB-7575S
- **Gas & Dust Class:**
ATEX (Ex) II2G Ex de IIB + H₂ T4 Gb
IECEx Ex de IIB + H₂ T4 Gb IP56

Technical Data

- Degree of Protection: IP56 (IEC/EN 60529)
- Used in Hazardous Area: Zone 1, Zone 2
- Ambient Temperature: -55 to +60°C
- Ambient Humidity: 100%RH
- Pollution Degree: 1 Degree
- Enclosure Material
Ex "d": Stainless Steel (ASTM A240-316)
Ex "e": Stainless Steel (ASTM A240-316)
- Gasket Material
Ex "d": Silicon
Ex "e": Silicon, EPDM
- International Separation: Form 2B
- Rated Voltage: 690 / 230Vac
- Rated Current
EDB-5035S: 100A (Standard Device)
EDB-5050S: 160A (Standard Device)
EDB-7550S: 195A (Standard Device)
EDB-7575S: 290A (Standard Device)
- Quantity of Feeder
EDB-5035S: max. 8 Feeders
EDB-5050S: max. 12 Feeders
EDB-7550S: max. 21 Feeders
EDB-7575S: max. 35 Feeders
- Applied Standard
IEC / EN 60079-0: 2011 / 2012
IEC / EN 60079-1: 2007 / 2007
IEC / EN 60079-7: 2006 / 2007



[EDB-7550S]

Ex de Local Control Station GRP

Explosion Protection

- **Certificate:** CE ATEX & IECEx
- **Model Number:**
GRPA-6001(1G), GRPA-6002(2G)
GRPA-6003(3G), GRPA-6004(6G)
- **Gas & Dust Class:**
ATEX (Ex) II2G Ex de IIC T6 Gb
IECEx Ex de IIC T6 Gb IP66

Technical Data

- Degree of Protection: IP66 (IEC/EN 60529)
- Used in Hazardous Area: Zone 1, Zone 2
- Ambient Temperature: -55 to +60°C
- Ambient Humidity: 100%RH
- Enclosure Material
GRP (Glass Reinforced Plastic)
- Gasket Material: Silicon, EPDM
- Rated Voltage: 690Vac
- Applied Standard
IEC / EN 60079-0: 2011 / 2012
IEC / EN 60079-1: 2007 / 2007
IEC / EN 60079-7: 2006 / 2007



[GRPA-6002 (2G)]

Ex d Junction Box Stainless Steel

Explosion Protection

- **Certificate:** CE ATEX & IECEx
- **Model Number:**
EDB-5035E, EDB-5050E,
EDB-7550E, EDB-7575E
- **Gas & Dust Class:**
ATEX (Ex) II2G Ex d IIB + H₂ T4 Gb
IECEx Ex d IIB + H₂ T4 Gb IP66

Technical Data

- Degree of Protection: IP66 (IEC/EN 60529)
- Used in Hazardous Area: Zone 1, Zone 2
- Ambient Temperature: -55 to +60°C
- Ambient Humidity: 100%RH
- Pollution Degree: 1 Degree
- Enclosure Material
Stainless Steel (ASTM A240-316)
- Gasket Material: Silicon
- Rated Voltage: 690 / 230Vac
- Rated Current
EDB-5035E: 100A (Standard Device)
EDB-5050E: 160A (Standard Device)
EDB-7550E: 195A (Standard Device)
EDB-7575E: 290A (Standard Device)
- Applied Standard
IEC / EN 60079-0: 2011 / 2012
IEC / EN 60079-1: 2007 / 2007



[EDB-7550E]



ATEX CERTIFICATE OF APPROVAL
1. Attestation d'approbation CE de type
2. Description de l'appareil ou du système de protection
3. Informations de fabrication
4. Appareil ou système de protection
5. Points de contact
6. Adresse

II. CE TYPE EXAMINATION CERTIFICATE
1. Equipment or protection system
2. Description of the equipment or protection system
3. Manufacturing details
4. Equipment or protection system
5. Contact details
6. Address

DECLARATION OF THE MANUFACTURER
I, the undersigned, declare that the equipment or protection system described in this certificate is in conformity with the relevant CE marking requirements.

DECLARATION OF THE USER
I, the undersigned, declare that the equipment or protection system described in this certificate is in conformity with the relevant CE marking requirements.

23 SEP 2016



ATEX EXAMINATION CERTIFICATE
1. Description of the equipment or protection system
2. Description of the equipment or protection system
3. Conditions of use
4. Declaration of the manufacturer
5. Declaration of the user

DECLARATION OF THE MANUFACTURER
I, the undersigned, declare that the equipment or protection system described in this certificate is in conformity with the relevant CE marking requirements.

DECLARATION OF THE USER
I, the undersigned, declare that the equipment or protection system described in this certificate is in conformity with the relevant CE marking requirements.



ATEX EXAMINATION CERTIFICATE
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Letter of Appointment

This is to certify that SINACO Industries Pte Ltd, in Singapore is appointed as our sales Distributor in Singapore and Southeast Asia for all Explosion Proof Products of our company.

June 01, 2015

[Signature]
Choi Kang
CEO & President
ELSCOM, Inc.
4112, Digital Valley, M3,
Daejeon-eu, Song-gu,
Daejeon, Korea
ELSCOM Inc.
4112 Digital Valley M3 Building 3F,
Song-gu, Daejeon, Korea
Tel: 82-42-26-0900 Fax: 42-26-58-8800



IECx Certificate of Conformity
Certificate No: 0334-ATEX-10-00006 Issue No: 1
Date of Issue: 2014-08-26 Page 1 of 2
Manufacturer: ELSCOM Inc.
100-112, Digital Valley, M3, 1/F, Song-gu, Daejeon, Korea, 30538
Name: Hoan-Hoang

DESCRIPTION
The product is described in the certificate and is in conformity with the CE marking requirements.

APPROPRIATE
The product is in conformity with the CE marking requirements.

TEST & REVISIONS REPORTS
A copy of the reports shall be submitted to the manufacturer and kept available for inspection.



IECx Certificate of Conformity
Certificate No: 0334-ATEX-10-00006 Issue No: 1
Date of Issue: 2014-08-26 Page 1 of 2
Manufacturer: ELSCOM Inc.

EQUIPMENT
The equipment is described in the certificate and is in conformity with the CE marking requirements.

CONFORMITY OF CERTIFICATION
The product is in conformity with the CE marking requirements.



IECx Certificate of Conformity
Certificate No: 0334-ATEX-10-00006 Issue No: 1
Date of Issue: 2014-08-26 Page 1 of 2
Manufacturer: ELSCOM Inc.

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CONFORMITY OF CERTIFICATION
The product is in conformity with the CE marking requirements.

