ATEX / IECEx PRODUCT — EXPRESS 5 DAY DELIVERY PROGRAM
EASY AS 1.. 2.. 3.. GO
THE NEW APPLETON ATX
EXPRESS 5 DAY DELIVERY

1.. Day 1
Order your CUSTOM BUILT material 📌 before 1:00 pm. ⚠️
You can select from a wide variety of:
- Terminal boxes in ...
  - Glass fibre reinforced Polyester (GRP),
  - Aluminium (AL)
  - Stainless steel (316L)
- Local control stations in
  - Polyamide (PA)
  - Glass fibre reinforced Polyester (GRP).

2.. Day 2
Production starts immediately in our factory.
Our optimized production process, modern workplaces and a large stock of material guarantees a production time of less than 24 hours.

3.. Day 3
We carry out the final quality check.
Last step — labelling and packaging of your order.
With our express delivery service – ‘READY FOR SHIPMENT’ in 3 working days without compromising on quality and safety.
Your order is now ready for shipment.

GO ..
3 days after ordering your CUSTOM BUILT material, your order is on the way to you.
Our selected certified logistic partners guarantee priority handling.
That means your material is in 5 days on your requested location.

© Please note, for express 5 day delivery service we have a maximum order quantity per product.
© Please note, custom material orders for UK and Ireland must be ordered before 12:00 pm.
ATEX / IECEx PRODUCT — EXPRESS 5 DAY DELIVERY PROGRAM

JBEP SERIES FIBERGLASS REINFORCED POLYESTER TERMINAL JUNCTION BOXES

INCREASED SAFETY

Features
- Available in a wide range of sizes:
  - For armored, unarmored or armored lead sheathed cable
  - For use with Mantle Clamping (Pillar Terminals) for use as instrumentation, electrical or power terminals
  - For use with a variety of connection and earth terminals
- Optional external hinged enclosures:
  - Reversible door opening 120°
  - Door with double bar lock
  - Key locking facility
- Refer to the technical guide to determine permitted and sizes of terminals and cables entries for self arrangement.

ATEX - IECEx:

<table>
<thead>
<tr>
<th>Zone 1 &amp; 2 – 21 &amp; 22</th>
<th>ATEX</th>
<th>II 2 GD</th>
<th>IECEx</th>
<th>CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex e II, Ex ia IIC; Ex ib IIC, Ex de IIC; Ex demb IIC</td>
<td>T6 to T2</td>
<td>ExtD A21</td>
<td>T75°C to T295°C</td>
<td>IP66 – IK10</td>
</tr>
</tbody>
</table>

Operating Temperatures:
- -55°C to +60°C (CSPe Type)
- -40°C to +55°C (CAe Type)

JBES SERIES 316L STAINLESS STEEL JUNCTION BOXES

INCREASED SAFETY

Features
- Smooth, continuously welded seams.
- Available in a wide range of sizes.
- Operating temperature:
  - JBES Series: -50 °C to +70 °C
  - ECES Series: -50 °C to +55 °C
- Can be supplied with 1, 2, 3 or even 4 neoprene sealed gland plates for ease of cable installation.
- Hinges standard on all sizes above 370.0 mm x 260.0 mm.
- Poured-in-place polyurethane door gasket.
- Feed-thru earth grounding stud.
- Reversible door, opens 210 degrees, from any location top; bottom, left or right, by means of removable hinges that can be installed in any position.
- Reversible anti-vibration mounting brackets can be mounted on the top, bottom or side positions.
- Optional removable padlocking device.

ATEX - IEC:

<table>
<thead>
<tr>
<th>Zone 1 &amp; 2 – 21 &amp; 22</th>
<th>ATEX</th>
<th>II 2 GD</th>
<th>IEC</th>
<th>CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex e II; Ex ia IIC; Ex ib IIC</td>
<td>T6 to T5</td>
<td>ExtD A21</td>
<td>T80°C to T95°C</td>
<td>IP66 – IK10</td>
</tr>
</tbody>
</table>

Operating Temperatures:
- -50°C to +70°C
ATEX / IECEx PRODUCT — EXPRESS 5 DAY DELIVERY PROGRAM

JBEA SERIES ALUMINUM JUNCTION BOXES

INCREASED SAFETY

Features

- Available in a wide range of sizes.
- For use only with Ex certified terminal blocks.
- Stainless steel hardware.
- Yellow laminated plastic label with black lettering.
- Factory drilled and equipped.
- Enclosure gray painted grade marine aluminum alloy.

ATEX - IECEx:

<table>
<thead>
<tr>
<th>Zone 1 &amp; 2 – 21 &amp; 22</th>
<th>ATEX</th>
<th>II 2 GD</th>
<th>IECEx</th>
<th>CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex e II</td>
<td>T6 to T5</td>
<td>Ex tD A21</td>
<td>T80°C to T95°C</td>
<td>IP66 – IK10</td>
</tr>
<tr>
<td>Ex eIa IIIC</td>
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<tr>
<td>Ex eIIb IIIC</td>
<td></td>
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</tr>
</tbody>
</table>

Operating Temperatures:

- -55°C to +60°C (PCe Type)
- -40°C to +55°C (CAe Type)

UNICODE® 2 SERIES CUSTOMIZED CONTROL STATIONS

INCREASED SAFETY

Features

- Employs Ex de method of protection which eliminates the need for external seals.
- Operators include push buttons, illuminated push buttons, selector switches, control and load break switches and LED pilot lights.
- Pilot light employs high intensity single LED with lifetime of 100,000 hours
- Up to 3 contact blocks per actuator can be used.
- Enclosures are rated for IP66 with firmly secured gasket.
- Operators and contact blocks are spaced so as to have easy and ample space for wiring.
- Wide selection of termination methods available.
- Choice of DIN rail mounted high performance contact block suitable for low intensity (less than 5mA).
- Captive, corrosion resistant stainless steel cover screws.

ATEX - IEC and IECEx (Polyester):

<table>
<thead>
<tr>
<th>Zone 1 &amp; 2 – 21 &amp; 22</th>
<th>ATEX</th>
<th>II 2 GD</th>
<th>IEC</th>
<th>CE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ex eII</td>
<td>T6 to T5</td>
<td>Ex tD A21</td>
<td>T75°C to T95°C</td>
<td>IP66 – IK09/10</td>
</tr>
<tr>
<td>Ex ia IIIC</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Ex ib IIIC</td>
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</tbody>
</table>

Voltage and Amperage:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Amperage</th>
<th>Pilot Light Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 500 V</td>
<td>16 A</td>
<td>12 Vac to 254 Vac, 50/60 Hz and 12 Vdc to 60 Vdc</td>
</tr>
</tbody>
</table>

Operating Temperatures:

<table>
<thead>
<tr>
<th>Polyamide (PCe)</th>
<th>Polyester (CSPe)</th>
<th>Stainless Steel (JBe)</th>
<th>Aluminum (PCe)</th>
</tr>
</thead>
<tbody>
<tr>
<td>-20°C to +55°C</td>
<td>-55°C to +60°C</td>
<td>-50°C to +60°C</td>
<td>-55°C to +60°C</td>
</tr>
<tr>
<td>-40°C to +60°C</td>
<td>-40°C to +60°C</td>
<td>-40°C to +60°C</td>
<td>-40°C to +60°C</td>
</tr>
<tr>
<td>-25°C to +60°C</td>
<td>-25°C to +60°C</td>
<td>-25°C to +60°C</td>
<td>-25°C to +60°C</td>
</tr>
</tbody>
</table>

Depending on type of actuator.
### CUSTOMIZED TERMINAL BOXES

**SELECTION GUIDE:** PLEASE SELECT YOUR COVER LAYOUT AND SPECIFY FOR EACH POSITION, WHICH DEVICE HAS TO BE INSTALLED.

#### CUSTOMIZED CONTROL STATION SPECIFICATIONS

- **Company Name:**
- **Shipping Address:**
- **Contact:**
- **Phone/Fax:**
- **Email:**
- **Project:**

<table>
<thead>
<tr>
<th>Box Definition — Material</th>
<th>Polyester GRP</th>
<th>Stainless Steel 316L</th>
<th>Aluminium Al</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cable Entry</th>
<th>Entries — Clearance Hole</th>
<th>Ex-e</th>
<th>Ex-i</th>
<th>Earth Stud</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>□ M20</td>
<td></td>
<td></td>
<td>□ Without</td>
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<tr>
<td></td>
<td>□ M25</td>
<td></td>
<td></td>
<td>□ M6 Earth Stud</td>
</tr>
<tr>
<td></td>
<td>□ M32</td>
<td></td>
<td></td>
<td>□ M8 Earth Stud</td>
</tr>
<tr>
<td></td>
<td>□ M20</td>
<td></td>
<td></td>
<td>□ Without</td>
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<td>□ M25</td>
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<td>□ M6 Earth Stud</td>
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<td></td>
<td>□ M32</td>
<td></td>
<td></td>
<td>□ M8 Earth Stud</td>
</tr>
</tbody>
</table>

#### Terminal Blocks

<table>
<thead>
<tr>
<th>Size</th>
<th>Number Plate</th>
<th>Quantity</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>1.5 mm²</td>
<td>grey</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>yellow / green</td>
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<tr>
<td></td>
<td>blue</td>
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<tr>
<td></td>
<td>blue</td>
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<td>Ex - i</td>
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<td>2.5mm²</td>
<td>grey</td>
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<td></td>
<td>yellow / green</td>
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<td>blue</td>
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<tr>
<td></td>
<td>blue</td>
<td></td>
<td>Ex - i</td>
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<tr>
<td>4mm²</td>
<td>grey</td>
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<td>yellow / green</td>
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<td></td>
<td>blue</td>
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**Other:** *(Please specify)*

#### Accessories

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door hinges <em>(GRP, 316L Only)</em></td>
<td>□ Left □ Right</td>
</tr>
<tr>
<td>Copper Bar — 12 x 4 mm</td>
<td></td>
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<tr>
<td>Cable Clamp for Copper Bar 12 x 4 mm</td>
<td></td>
</tr>
</tbody>
</table>

- 1.5 mm² to 4 mm² Capacity
- 6 mm² to 16 mm² Capacity

#### Additional Instructions
### UNICODE® 2 SERIES CUSTOMIZED CONTROL STATIONS

**SELECTION GUIDE:** PLEASE SELECT YOUR COVER LAYOUT AND SPECIFY FOR EACH POSITION, WHICH DEVICE HAS TO BE INSTALLED.

#### CUSTOMIZED CONTROL STATION SPECIFICATIONS

<table>
<thead>
<tr>
<th>Company Name:</th>
<th>Address:</th>
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<tbody>
<tr>
<td>Contact:</td>
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<td>Phone/Fax:</td>
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<tr>
<td>Email:</td>
<td></td>
</tr>
<tr>
<td>Project:</td>
<td></td>
</tr>
</tbody>
</table>

#### Box Definition — Material:

- **Polyamid PA □**
- **Polyester GRP □**
- **Stainless Steel 316L □**
- **Aluminium Al □**

#### Size 1

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#### Size 2

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#### Size 3

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</tbody>
</table>

* Terminal block available as option (maximum: 10 x terminals 2.5 mm²).

#### Entry Position

<table>
<thead>
<tr>
<th>Position Actuator Contacts Insert Legend Plate Guard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

#### Entry Position — Plugs

- **Without**
- **Type: ______________________ Quantity: ______________________**

#### Nameplate

- **Option**
  - **Without**
  - **With (complete Type and Color)**

- **Type**: 58 x 18 mm Self-Adhesive Laminated Plastic
- **Type**: 65 x 18 mm Screw Laminated Plastic (GRP, 316L, Al only)
- **Type**: 65 x 18 mm Screw On in Stainless steel (available with black lettering only) (GRP, 316L, Al only)

- **Color**
  - **White (black letters)**
  - **Blue (white letters)**
  - **Yellow (black letters)**
  - **Black (white letters)**
  - **Red (black letters)**
  - **Green (white letters)**

#### Functions

- **Position**
- **Actuator**
- **Contacts**
- **Insert**
- **Legend Plate**
- **Guard**

#### Additional Instructions

Note: **maximum quantity of terminal boxes and control station per order is limited to 10 pieces. Please consult your local sales representative.**
ENCLOSURES & DISTRIBUTION EQUIPMENT — ATEX/IECEx (ZONES 1 & 2 – 21 & 22)

- Ex ia Stainless Steel Junction Box
- Coffret d’instrumention “Inox” Ex ia
- Ex d Panelboard with 8 Branch Circuit Breakers Coupled with Ex e Polyester Junction Box
- Ex d Control Panel
- Ex d Double Sided Switchrack
- Ex de P Series PlexPower™ Distribution Panelboards

LED LIGHTING — ATEX/IECEx (ZONES 2 – 21 & 22)

- Areamaster™ LED
- Mercmaster™ LED
- Viamaster™ Linear LED
- Floodlight — AMLED Series
- Luminaire — MLEDNA Series
- Linear Luminaire — LLEDA Series

Appleton is at your service to provide any additional information you may require on the ATEX Directives.

The master catalog is available in French and English, containing almost 3,000 products and 58 pages of information on standards. For a free copy, fax your request on your company letterhead to + 33 3 22 54 28 34. For further information on ATEX Directives, contact us via telephone at: (Amiens, France) + 33 3 22 54 13 90. Refer to the Appleton website (www.appletonelec.com) to locate the sales representative in your region. Product Certificates and CE Declarations of Conformity available at: www.appletonelec.com.
Emerson brings integrated manufacturing solutions to diverse industries worldwide. Our comprehensive product line, extensive experience, world-class engineering and global presence enable us to implement solutions that give our customers the competitive edge. Appleton is our premium line of lighting and electrical products for hazardous and industrial locations.

For over 150 years, our electrical product brands have been providing a rich tradition of long-term, practical, high quality solutions with applications ranging from the construction and safe operation of petrochemical and process plants to providing quality power that precisely controls automotive robotic production.

Engineers, distributors, contractors, electricians and site maintenance professionals around the world trust Emerson brands to make electrical installations safer, more productive and more reliable.

The Appleton Group business unit of Emerson is organized into three focused groups that provide distributors and end users expert knowledge and excellent service.

**Electrical Construction Materials**
This group is made up of the Appleton and O-Z/Gedney brands. They manufacture a broad range of electrical products including conduit and cable fittings, plugs and receptacles, enclosures and controls, conduit bodies and industrial and hazardous lighting. Whether the application is hazardous location, industrial or commercial, the electrical construction materials group has the products to meet your needs.

**Power Quality Solutions**
The SolaHD brand offers the broadest power quality line, including uninterruptible power supplies, power conditioners, voltage regulators, shielded transformers, surge protection devices and power supplies.

**Heating Cable Systems**
This group is made up of the EasyHeat and Nelson brands. They offer a broad range of electrical heating cable products for residential, commercial and industrial applications.

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