Features

• Enclosures with actuators placed on a double row to enable grouping of a large number of functions in a single control.
• The emergency stop mushroom pushbutton complies with standard EN418.
• Positive opening NC contacts for safety functions.
• Mechanical life of switches: 1 million operations.
• IP protection degree: SPA Explosion Proof is classified IP66.
• Extreme temperature resistance: -50°C to +55°C.

Options

• Available in configurations from 2 to 12 actuators, arranged on a double row.
• One or two speed switches with NO or NC contacts.

Certifications

• CE marking.
CERTIFICATIONS

Conformity to Atex Standards
EN 60079-0:2012 + A1:2013 Explosive atmospheres - Equipment - General requirements
EN 60079-1 Ed.7 :2014 Explosive atmospheres - Equipment protection by flameproof enclosures ‘d’
EN 60079-31:2014 Explosive atmospheres - Equipment dust ignition protection by enclosure “t”

Conformity to IECEx Standards
IEC 60079-0:2011 Explosive atmospheres - Equipment - General requirements
IEC 60079-1:2014 Explosive atmospheres - Equipment protection by flameproof enclosures ‘d’
IEC 60079-31:2014: Explosive atmospheres - Equipment dust ignition protection by enclosure “t”

Atex Certification
INERIS 12ATEX0085X

IECEx Certification
IECEx INE 12.0059X

Type of protection
Ex d IIB/IIC T6 Gb
Ex tb IIIC T85°C Db IP66

Conformity to Community Directives
2014/34/EU (ATEX)
2014/30/EU Electromagnetic Compatibility
2006/42/CE Machinery Directive
2014/35/EU Low Voltage Directive

Markings and homologations
CE 0080 II 2 GD IEC IECEx

GENERAL TECHNICAL SPECIFICATIONS

Operational ambient temperature
-50°C/+55°C

Protection degree
IP 66

Operating positions
Any position

TECHNICAL SPECIFICATIONS OF THE MICROSWITCHES

Code
PRSL0076XX

Utilisation category
AC 15

Rated operational current
1.9 A

Rated operational voltage
380 Vac

Rated thermal current
10 A

Rated insulation voltage
500 Vac

Mechanical life
1x10^6 operations

Microswitch type
Double switch, one speed

Contacts
1NO+1NC/2NO+2NC
(All NC contacts are of the positive opening operation type)

Scheme

Markings and homologations
CE
OVERALL DIMENSIONS (mm)

<table>
<thead>
<tr>
<th>No. of actuators</th>
<th>Dimensions (mm)</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>M</td>
</tr>
<tr>
<td>2</td>
<td>135</td>
<td>99</td>
<td>320</td>
<td>M32 x 1.5</td>
</tr>
<tr>
<td>4</td>
<td>135</td>
<td>99</td>
<td>320</td>
<td>M32 x 1.5</td>
</tr>
<tr>
<td>6</td>
<td>135</td>
<td>99</td>
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<tr>
<td>8</td>
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<td>99</td>
<td>320</td>
<td>M32 x 1.5</td>
</tr>
<tr>
<td>10</td>
<td>135</td>
<td>99</td>
<td>424</td>
<td>M32 x 1.5</td>
</tr>
<tr>
<td>12</td>
<td>135</td>
<td>99</td>
<td>424</td>
<td>M32 x 1.5</td>
</tr>
</tbody>
</table>

Manufactured by ARIET Di T. Cereda – Distributed by TER Tecno Elettrica Ravasi srl
**SPA EXPLOSION PROOF - REQUEST FORM FOR PENDANT STATION**

**Control elements**

- Emergency stop mushroom pushbutton

**Instructions**

- Fill in the pendant station scheme for the number of control elements required (2, 4, 6, 8, 10 or 12 actuators).
- Write the number corresponding to the control element required (broken line box). When buttons are required mark the direction of the arrow into the corresponding box.
- Attention: opposite commands (i.e: up – down) are vertically coupled on columns.

**Remarks**

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