## Characteristics

### XMAV06L2135

**pressure switch XMA 6 bar - adjustable scale 2 thresholds - 1 C/O**

<table>
<thead>
<tr>
<th>Main</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Status</td>
</tr>
<tr>
<td>Range of product</td>
</tr>
<tr>
<td>Pressure sensor type</td>
</tr>
<tr>
<td>Pressure sensor name</td>
</tr>
<tr>
<td>Pressure sensor size</td>
</tr>
<tr>
<td>Contacts type and composition</td>
</tr>
</tbody>
</table>
| Controlled fluid | Sea water (0...70 °C)  
Fresh water (0...70 °C)  
Air (0...70 °C) |
| Fluid connection type | G 1/4 (female) conforming to ISO 228 |
| Cable entry | 2 entries tapped for Pg 13.5 cable gland conforming to NF C 68-300 |
| Electrical connection | Screw-clamp terminals, clamping capacity: 1 x 1...2 x 2.5 mm² |
| Electrical circuit type | Control circuit |
| [In] rated current | 0.1 A (Ue = 250 V), DC-13, R300  
1.5 A (Ue = 240 V), AC-15, B300  
3 A (Ue = 120 V), AC-15, B300 |
| Setting | External |
| Colour of cover | Transparent |
| Pressure switch type of operation | Regulation between 2 thresholds |
| Scale type | Fixed differential |
| Local display | Without |
| Enclosure material | PC impregnated with Lexan 123 |
| Adjustable range of switching point on rising pressure | 1...6 bar |
| Adjustable range of switching point on falling pressure | 0.2...4.8 bar |
| Pressure actuator | Diaphragm |
| Possible differential minimum at high setting | 1.2 bar |
| Possible differential minimum at low setting | 0.8 bar |
| Destruction pressure | 30 bar |
| Materials in contact with fluid | Canvas covered nitrile  
Chromated zinc alloy |
| Maximum permissible accidental pressure | 13.5 bar |

### Complementary

<p>| Height | 113 mm |
| Width | 57 mm |
| Depth | 97.5 mm |
| Operating position | Any position |
| Maximum permissible pressure - per cycle | 7.5 bar |
| Short circuit protection | 10 A cartridge fuse type gG (gl) |</p>
<table>
<thead>
<tr>
<th><strong>Operating rate</strong></th>
<th>10 cyc/mn</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Ui] rated insulation voltage</td>
<td>500 V conforming to EN/IEC 60947-1</td>
</tr>
<tr>
<td>[Uimp] rated impulse withstand voltage</td>
<td>6 kV conforming to EN/IEC 60947-1</td>
</tr>
<tr>
<td><strong>Electrical durability</strong></td>
<td>1000000 cycles, 50/60 Hz, AC-15, 240 V / 3 A, Ith = 10 A</td>
</tr>
<tr>
<td><strong>Mechanical durability</strong></td>
<td>1000000 cycles</td>
</tr>
<tr>
<td>Repeat accuracy</td>
<td>≤ 3.5 %</td>
</tr>
<tr>
<td><strong>Product weight</strong></td>
<td>0.43 kg</td>
</tr>
</tbody>
</table>

**Environment**

| **Standards** | CE  
| EN/IEC 60947-5-1 |
| **Product certifications** | CCC  
| CSA  
| UL |

| **Ambient air temperature for operation** | -25...70 °C |
| **Ambient air temperature for storage** | -40...70 °C |
| **Protective treatment** | TC |
| **Class of protection against electric shock** | Class I conforming to IEC 536 |
| **IP degree of protection** | IP54 conforming to EN/IEC 60529 |

**Offer Sustainability**

| **Sustainable offer status** | Green Premium product |
| **RoHS** | Compliant - since 0627 - [Schneider Electric declaration of conformity](#) |
| **REACH** | Reference not containing SVHC above the threshold |
| **Product environmental profile** | Available [Download Product Environmental](#) |
| **Product end of life instructions** | Need no specific recycling operations |
(A)  G 1/4 (female)
(1)  2 tapped entries PG 13.5
Minimum Mounting Clearance

(ØA) G 1/4 (female)

(1) Minimum clearance zone for screwing-on pressure switch at point A
Connections

\[ \text{Connection Diagram} \]

Connections
Curves

Operating Curves

(y) Rising pressure
(x) Falling pressure
1: Maximum differential
2: Minimum differential

(y) Pressure
(x) Time
(1) Adjustable value