ComEx Switch module, 4-pole with terminals for rail-mounted installation

The ComEx 4-pole switch module can be used in almost all potentially explosive areas where machine functions need to be triggered by a button or a switch. ComEx switch modules are flexible in use and offer a range of actuator elements. All contacts of the switch module are self-cleaning, and NC contacts have positive opening. The conductor is connected using terminals with increased safety on the back of the module. The simple installation of the actuator elements without tools guarantees the high IP protection type. The 4-pole switch module can be installed quickly and directly into double or triple ComEx enclosures, or in combination with other command devices in control units.

Explosion protection
Marking ATEX
II 2G Ex db eb IIC Gb
I M2 Ex db eb I Mb
Certification
CML 17 ATEX 1105 U
Marking IECEx
Ex db eb IIC Gb
Ex db eb I Mb
Certification
IECEx CML 17.0045U
TS RU C-DE.VN02.V.00690/18
Other approvals and certificates, see www.bartec.de
Permissible ambient temperature
-55 °C to +60 °C
Operating temperature
-55 °C to +85 °C

Technical data
Connection
terminals 2.5 mm², fine stranded
Contact material
AgSnO₂
Enclosure material
thermoplastic
Installation
on TS 35 x 7.5 mounting rail
Switch function
max. 4 switch contacts
different NC/NO contact assemblies
Contacts
contacts with positive break operation
(self-cleaning)
Installation
in ComEx double and triple enclosures and in control units as rail mounting and front-panel mounting (additional equipment needed)

Dimensions in mm

Electrical data
Rated insulation voltage
\( U_{i} = 690 \text{ V} \)
\( U_{e} = 400 \text{ V} \)

<table>
<thead>
<tr>
<th>Rated voltage</th>
<th>400 V</th>
<th>400 V</th>
<th>110 V</th>
<th>24 V</th>
<th>230 V</th>
<th>220 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilization category</td>
<td>AC-12</td>
<td>AC-15</td>
<td>DC-13</td>
<td>DC-13</td>
<td>AC-15</td>
<td>DC-13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated operating currents</th>
<th>16 A</th>
<th>10 A</th>
<th>0.5 A</th>
<th>1 A</th>
<th>10 A</th>
<th>0.1 A</th>
</tr>
</thead>
</table>

Rated impulse strength
\( U_{imp} = 6 \text{ kV} \)
Conditional rated short-circuit current at 400 V
\( I_{s} = 4 \text{ kA} \)
Maximum current
max. 16 A
Nominal thermal current
(+40 °C) \( I_{t} = 16 \text{ A} \)
(+60 °C) \( I_{t} = 11 \text{ A} \)
## ComEx Switch module, 4-pole with terminals for rail-mounted installation

### Ordering information

<table>
<thead>
<tr>
<th>Contact arrangement of switch module</th>
<th>Code no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 NC</td>
<td>1</td>
</tr>
<tr>
<td>3 NC / 1 NO</td>
<td>2</td>
</tr>
<tr>
<td>2 NC / 2 NO</td>
<td>3*</td>
</tr>
<tr>
<td>4 NO</td>
<td>4*</td>
</tr>
<tr>
<td>1 NC / 3 NO</td>
<td>5*</td>
</tr>
</tbody>
</table>

* Special versions on request

Complete order no. 07-3381-0000
Please enter code number. Technical data subject to change without notice.