

**Article**

**644.0345-SE1**  
 CONTROL STATION EX 122x120x90

**Picture****Master data**

|                |               |
|----------------|---------------|
| Minimum order  | 1 NR          |
| Net Weight     | 0.949 KG      |
| EAN code       | 8001636307442 |
| INTRASTAT code | 85381000      |

**TechData**

|                              |                           |
|------------------------------|---------------------------|
| Synthetical description      | SURFACE MOUNTING BOX      |
| Protection degree            | IP66                      |
| Commercial series            | ZENITH-P Series           |
| Function                     | SELECTOR SWITCH 0/1 + 2NO |
| Dimension                    | 122x120x90mm              |
| Cable outlet                 | 1xM20                     |
| Rated current (value)        | 13                        |
| Category of use              | AC12                      |
| Rated Sizing Voltage (Value) | 250                       |
| Maximum power dissipation    | 6                         |
| Group and categories EX      | II 2 GD                   |
| Gas protection mode          | Ex d e IIC T6 Gb          |
| Dust protection              | Ex t IIIC IP66 T80°C Db   |
| Ambient temperature Ta min   | 30                        |
| Ambient temperature Ta max   | 40                        |

**Approvals and Certifications**

UE  
 Declaration of conformity

**Standards and Laws**

EN 60079-1 (2007)  
 [European Standard] Electrical apparatus  
 for explosive gas atmospheres - Part 1:  
 Flameproof enclosures "d"



SIRA (Atex)  
Conformity Assessment Solutions Field



SIRA (IECEX)  
International Electrotechnical Commission  
(Explosive Atmosphere)



Notifica ATEX e IECEX  
Notifica ATEX e IECEX



Notifica ATEX e IECEX  
Notifica ATEX e IECEX

## Packaging



EN 60079-0 (2009)  
[European Standard] Explosive  
atmospheres. General requirements.



EN 60079-7 (2007)  
[European Standard] Explosive  
atmospheres. Equipment protection by  
increased safety "e"



EN 60079-31 (2009)  
[European Standard] Explosive  
atmospheres. Equipment dust ignition  
protection by enclosure "t"

## Annexed



Technical drawing



Instruction manual



Wiring diagram



Wiring diagram



Wiring diagram



Wiring diagram



InfoTECH

**Note:**



The enclosures in heat-hardening material of the ZENITH-P Series are mainly used for the following purpose:

- Command and control of equipment such as motors, fans, pumps, lighting systems, etc.
- Reading of physical quantities such as flow rate, level, pressure, temperature, current, voltage, frequency, number of revolutions, etc.



The arrangement of ATEX-certified accessories, terminals and actuators of the ZENITH-P enclosure can be made according to different configurations, based on the customer's specific needs and always in compliance with the limits of the ATEX & IECEx certification.

SCAME can rely on an in-house design department (CIT) to perform quick feasibility analyses at the customer's request. It also has equipment and qualified personnel for the construction and assembly of the ZENITH-P Series control stations.

The components and actuators found on the cover are suited for use in these enclosures and are covered by relevant component certificate; they were selected depending on brand and model based on the ATEX certification in force for the European Community, and IEC-Ex for the international market.