

**Article**

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

**Picture****Master data**

Minimum order	1 NR
Net Weight	0.892 KG
EAN code	8001636307589
INTRASTAT code	85381000

**TechData**

Synthetical description	SURFACE MOUNTING BOX
Protection degree	IP66
Commercial series	ZENITH-P Series
Function	LED LIGHT 12-250VAC/VDC
Colour	GREEN
Dimension	122x120x90mm
Cable outlet	1xM20
Category of use	AC12
Rated Sizing Voltage (Value)	250
Maximum power dissipation	1
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



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.