



# 644.0350-SE

## SURFACE MOUNTING BOX

220x120x90mm IP66 1xSTART 2NO +  
1xEMERGENCY 2NC THERMOSETTING

Product Approvals

TECHDATA		STANDARDS AND LAWS	
Type of product	SURFACE MOUNTING BOX	EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
Commercial series	ZENITH-P Series	IEC 60079-31 (2013)	[International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Synthetical description	SURFACE MOUNTING BOX	EN 60079-1 (2014)	[European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'
Protection degree	Splash proof	EN 60079-7 (2015)	[European Standard] Explosive atmospheres. Equipment protection by increased safety "e"
Protection degree IP	IP66	IEC 60079-1 (2014)	[International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d".
Material	THERMOSETTING	IEC 60079-7 (2015)	[International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".
Equipment	Control station	IEC 60079-0 (2017)	[International Standard] Explosive atmospheres - Part 0: Equipment - General requirements
Function	1xSTART 2NO + 1xEMERGENCY 2NC	EN 60079-0 (2018)	[European Standard] Explosive atmospheres. General requirements.
Dimensions	220x120x90mm	DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive
Cable entry	1xM25		
Rated current (value)	16 A		
Category of use	AC12		
Rated Sizing Voltage (Value)	250 V		
Maximum power dissipation	3,330 W		
Group and categories EX	II 2GD		
Modo protezione gas	Ex db eb IIC T6 Gb		
Dust protection	Ex tb IIIC T80°C Db IP66		
Ambient temperature Ta min	-30 °C		

Ambient temperature  $T_a$  max

40 °C