

# Product Technical Sheet

18 Oct 2021 23:14



## 644.0210-J10

### SURFACE MOUNTING BOX

75x110x75mm IP66 THERMOSETTING

Product Approvals

TECHDATA		STANDARDS AND LAWS	
Commercial series	ZENITH-P Series	EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
Type of product	SURFACE MOUNTING BOX	IEC 60079-31 (2013)	[International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Synthetical description	SURFACE MOUNTING BOX	EN 60079-7 (2015)	[European Standard] Explosive atmospheres. Equipment protection by increased safety "e"
Protection degree	Splash proof	IEC 60079-7 (2015)	[International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".
Protection degree IP	IP66	IEC 60079-0 (2017)	[International Standard] Explosive atmospheres - Part 0: Equipment - General requirements
Material	THERMOSETTING	EN 60079-0 (2018)	[European Standard] Explosive atmospheres. General requirements.
Equipment	Junction box	DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive
Terminal block	10x2,5mm <sup>2</sup> CAGE TERMINAL		
Dimensions	75x110x75mm		
Cable entry	4xM20 PLUGGED		
Rated current (value)	12 A		
Rated Sizing Voltage (Value)	690 V		
Maximum power dissipation	3,050 W		
Group and categories EX	II 2GD		
Modo protezione gas	Ex eb IIC T6 Gb		
Dust protection	Ex tb IIIC T80°C Db IP66		
Ambient temperature Ta min	-30 °C		
Ambient temperature Ta max	40 °C		