



## 593.111-1ES1

### SURFACE MOUNTING BOX

95x95x80mm IP66 EMERGENCY PULL TO REL. 1NO+1NC THERMOPLASTIC

Product Approvals

TECHDATA		STANDARDS AND LAWS	
Commercial series	COMPACT-EX[GD] Series	EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
Product type	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 60079-1 (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	THERMOPLASTIC	IEC 60079-0 (2017)	[International Standard] Explosive atmospheres - Part 0: Equipment - General requirements
Equipment	Control station	IEC 60079-7 (2017)	[International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".
Function	EMERGENCY PULL TO REL. 1NO+1NC	EN 60079-7 (2018)	[European Standard] Explosive atmospheres. Equipment protection by increased safety "e"
Dimensions	95x95x80mm	EN 60079-0 (2018)	[European Standard] Explosive atmospheres. General requirements.
Cable entry	1xM20	EN 60079-18 (2015)	[European Standard] Explosive atmospheres. Part 18: Equipment protection by encapsulation "m"
Rated current (value)	16 A	EN 62196-3 (2014)	[International Standard] Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"
Category of use	AC12	EN 60079-18/A1 (2017)	[European Standard] Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"
Rated Sizing Voltage (Value)	250 V	DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive
Maximum power dissipation	1,660 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