

C10 Ex -Terminal Boxes

Product Introduction

Series C10 explosion protected terminal boxes are used to distribute and conduct electricity in area of Zone 1, 2, 21 and 22 at no risk of explosion. The enclosure has IP66 protection and WF2 anti-corrosion class. The enclosure is made in aluminium alloy and grey coating with strong corrosion resistance, which is suitable for all outdoor environment.

The cable can be introduced into the terminal boxes via gasket of the entries. Using adapters in the exits of terminal boxes to connect coiled tube or steel tube. For no connecting, the inside rubber gasket and blind gasket can meet the explosion-protection demands without mounting threaded stoppers. The light metal terminal boxes have an outside earthing connection.



C10 with four standard cable entries



C10 with three conduit outlets

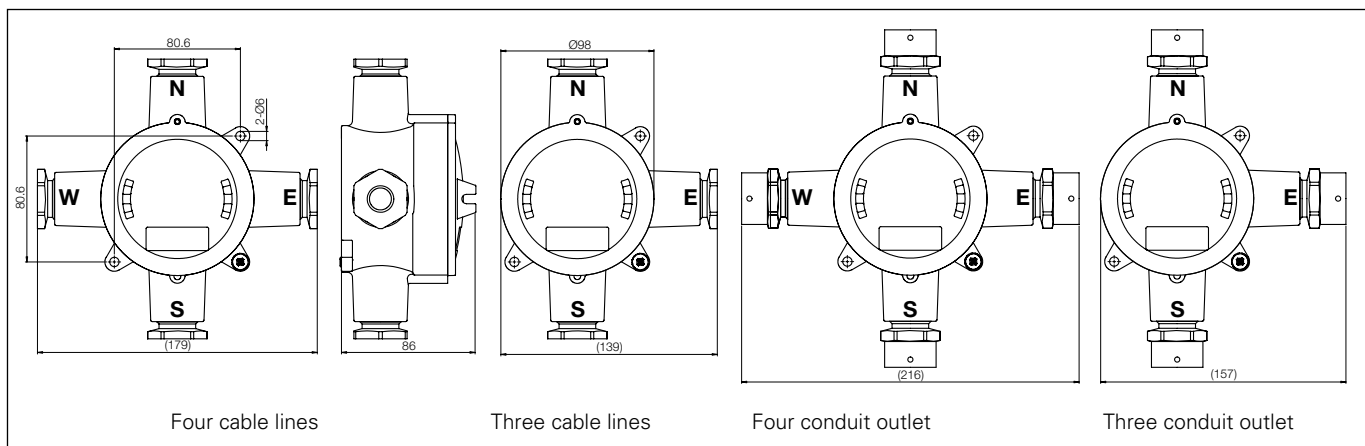


Pillar terminals

Technical Data

Marking acc. to GB	Exd IIC T6/ DIP A21 TA, T80°C IP66
Degree of protection	IP66
Anti-corrosion degree	WF2
Temperature range	-40°C~+50°C
Enclosure material	light metal, grey coating RAL7040
Rated voltage	up to 750V
Rated current	less than or equal to 39A
Cable diameter	8mm~13mm
Weight	1.5kg

Dimension (mm)

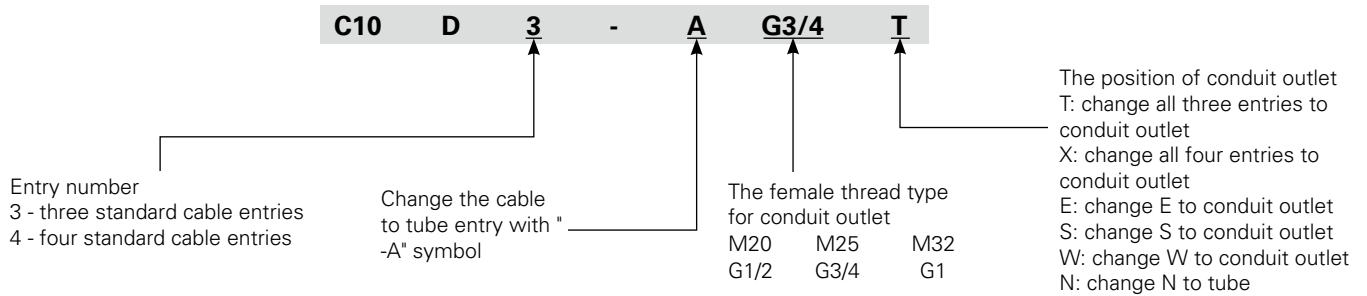


C10 Ex -Terminal Boxes

Terminal Type

Number	Max. cable/pillar	Max. voltage	Max. current
4	3x6 mm ²	≤750 V	≤39 A

Ordering Information



Notes:

- Please note the position if only two entries need to be changed to conduit outlets. "NE" for conduit outlets at N and E position; "ES" for conduit outlets at E and S position; "NS" for conduit outlets at N and S position. C10D3 is recommended for enclosure with two conduit outlets. Example: C10D3-AG3/4NE means C10 with G3/4 conduit outlets at N and E position and standard cable entry at S position.
- Please note in ordering information if thread sizes are not uniform. Example: C10D3-AG1/2E-AG3/4S-AG3/4N

Number

Type	Catalog No.	Drawing	Type	Catalog No.	Drawing
3 x standard cable entries	C10D3		Conduit outlets at N and E position:		
			2 x G1/2 conduit outlets	C10D3-AG1/2NE	
			2 x G3/4 conduit outlets	C10D3-AG3/4NE	
			2 x G1 conduit outlets	C10D3-AG1NE	
			2 x M20 conduit outlets	C10D3-AM20NE	
			2 x M25 conduit outlets	C10D3-AM25NE	
			2 x M32 conduit outlets	C10D3-AM32NE	
4 x standard cable entries	C10D4		Conduit outlets at E and S position:		
			2 x G1/2 conduit outlets	C10D3-AG1/2ES	
			2 x G3/4 conduit outlets	C10D3-AG3/4ES	
			2 x G1 conduit outlets	C10D3-AG1ES	
			2 x M20 conduit outlets	C10D3-AM20ES	
			2 x M25 conduit outlets	C10D3-AM25ES	
			2 x M32 conduit outlets	C10D3-AM32ES	
3 x G1/2 conduit outlets	C10D3-AG1/2T		Conduit outlets at N and S position:		
3 x G3/4 conduit outlets	C10D3-AG3/4T		2 x G1/2 conduit outlets	C10D3-AG1/2NS	
3 x G1 conduit outlets	C10D3-AG1T		2 x G3/4 conduit outlets	C10D3-AG3/4NS	
3 x M20 conduit outlets	C10D3-AM20T		2 x G1 conduit outlets	C10D3-AG1NS	
3 x M25 conduit outlets	C10D3-AM25T		2 x M20 conduit outlets	C10D3-AM20NS	
3 x M32 conduit outlets	C10D3-AM32T	2 x M25 conduit outlets	C10D3-AM25NS		
			2 x M32 conduit outlets	C10D3-AM32NS	
4 x G1/2 conduit outlets	C10D4-AG1/2X				
4 x G3/4 conduit outlets	C10D4-AG3/4X				
4 x G1 conduit outlets	C10D4-AG1X				
4 x M20 conduit outlets	C10D4-AM20X				
4 x M25 conduit outlets	C10D4-AM25X				
4 x M32 conduit outlets	C10D4-AM32X				