

Ex e Enclosures in Metal

Series 8125



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- > Enclosure material
 - Painted sheet steel
 - Stainless steel
- > 6 enclosure sizes available

10031E00



ATEX / IECEx				Class I (NEC 505)		Class II (NEC 506)				Class I		Class II		Class III							
Zone	0	1	2	20	21	22	Zone	0	1	2	20	21	22	Division	1	2	1	2	1	2	
For use		x	x		x	x	For use in		x					For use in		x					

Explosion Protection

Marking	
IECEx	
Gas explosion protection	Ex dem ia/ib [ia/ib] IIA, IIB or IIC T6, T5 or T4
Dust explosion protection	Ex tD A21 IP65 T80°C, T95°C, T130°C
Europe (ATEX)	
Gas explosion protection	Ex II 2 G Ex de ia/ib [ia/ib] mq IIA, IIB, IIC T6, T5, T4
Dust explosion protection	Ex II 2 D Ex tD A21 IP66 T80°C, T95°C, T130°C
Certificates	
IECEx	IECEx PTB 06.0079
Europe (ATEX)	PTB 01 ATEX 1001
Other certificates	Canada (CSA), USA (UL), Belarus (Gospromnadzor), Kazakhstan (JSC)

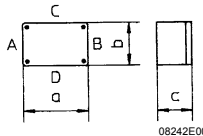
E9

WebCode 8125C

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Selection Table

Version	Dimensions [mm]			Order number	Weight kg	
	a	b	c			
 <p>Ex e enclosure 8125</p>	176.5	116.5	91	8125/5041- .	1.000	
			176.5	91	8125/5051- .	1.500
	236.5	176.5	91	8125/5061- .	2.100	
			150	8125/5063- .	2.800	
	360	176.5	91	8125/5071- .	3.100	
			150	8125/5073- .	4.000	
		360	91	8125/5081- .	5.600	
			150	8125/5083- .	6.000	
			190	8125/5085- .	6.500	
			230	8125/5086- .	7.200	
	727	360	91	8125/5091- .	8.500	
			150	8125/5093- .	9.200	
			190	8125/5095- .	10.100	

Order Number Supplement

Standard:	Sheet steel	Flanges Please specify with order: enclosure side and material	8125/5...-1	
Option:	Stainless steel	Flanges Please specify with order: enclosure side and material	8125/5...-2	

Technical Data

Electrical data

Rated voltage	max. 1100 V Depending on the type of terminal and Ex components used
Rated current	max. 630 A Depending on the type of terminal and Ex components used

Ambient conditions

Ambient temperature	- 55 ... + 55 °C
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Mechanical data

Degree of protection	IP66 (depending on the installed equipment)
Material	
Enclosure	
Standard	Sheet steel, galvanised; powder coated RAL 7032
Option	Stainless steel 1.4404; glass bead blasted (sea water and acid resistant)
Sealing gasket	Polyurethane foam
Cover fixing	
Standard	M6, cheese-head screws with combined slot; captive, stainless steel
Option	with cover hinges
Flanges	
Standard	the enclosures are supplied without flanges in the standard version
Option	Depending on the order, the enclosures can be fitted on one or more sides with flanges; flange material: galvanised sheet steel or stainless steel
Rated cross section	max. 240 mm ² Depending on the type of terminal and Ex components used

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.