

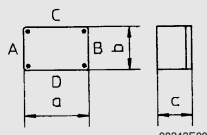


01749E00

### Ex e Enclosures in Metal Series 8125

- Explosion protection according to
  - CENELEC
  - IEC
- For use in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- Enclosure material
  - Painted sheet steel
  - Stainless steel
- 6 enclosure sizes available

#### Selection Table

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

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**Technical Data**

Explosion protection	
Gas explosion protection	⊕ II 2 G Ex de ia/ib [ia/ib] mq IIA, IIB, IIC T6, T5, T4
Dust explosion protection	⊕ II 2 D Ex tD A21 IP66 T 80 °C, T 95 °C, T 130 °C
Certificates	
Gas explosion protection	PTB 01 ATEX 1001
Dust explosion protection	PTB 01 ATEX 1001
Other certificates	Canada (CSA), USA (UL), Russia (CTB)
Material	
Enclosure	
Standard	Sheet steel, galvanised; powder coated RAL 7032
Option	Stainless steel 1.4404; glass bead blasted (sea water and acid resistant)
Seal	Polyurethane foam
Cover fixing	
Standard	M 6, cheese-head screws with combined slot; captive, stainless steel
Option	with cover hinges
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
Rated cross section	max. 240 mm <sup>2</sup> Depending on the type of terminal and Ex components used
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
Type of protection	IP66 (depending on the installed equipment)
Operating temperature range	- 55 °C ... + 55 °C

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

