



- Housing made of aluminium, powder-coated
- 1 pedal
- With or without protective shield
- Ergonomic pedal shape
- Wide opening in shield
- With connection compartment

E4

WebCode **GFIA**



Ex foot switches are mounted on machines and plants in cases where operation manual operation is not possible. All the Ex GFS range switches are mounted with a shield to prevent unintentional actuation and to protect against falling objects.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table						
Version		Without protective collar				
ATEX gas explosion protection		Ⓔ II 2 G Ex d IIC T6 Gb				
ATEX dust explosion protection		Ⓔ II 2 D Ex tb IIIA T80 °C Db				
Figure	Enclosure material	Switching function	Contacts	Product Type	Art. No.	Weight
	Corrosion-resistant aluminium, powder-coated	Slow-action contact	1 NC + 1 NO	Ex GFI	240446	1.2 kg
Version		With protective collar				
ATEX gas explosion protection		Ⓔ II 2 G Ex db eb IIC T6 Gb				
ATEX dust explosion protection		Ⓔ II 2 D Ex tb IIIA T80 °C Db				
Figure	Enclosure material	Switching function	Contacts	Product Type	Art. No.	Weight
	Aluminium die-casting, painted Corrosion-resistant aluminium, powder-coated	Slow-action contact	1 NC + 1 NO	Ex GFSI	240443	1.2 kg

Technical Data	
Electrical Data	
Rated operational voltage DC	230 V
AC operating voltage (equal potential)	500 V
AC operating voltage (unequal potential)	250 V
Electrical service life	Max. 10 <sup>6</sup> operating cycles
Mechanical service life	Max. 10 <sup>6</sup> operating cycles
Ambient Conditions	
Ambient temperature	-40 °C ... +70 °C (For T6)

### Technical Data

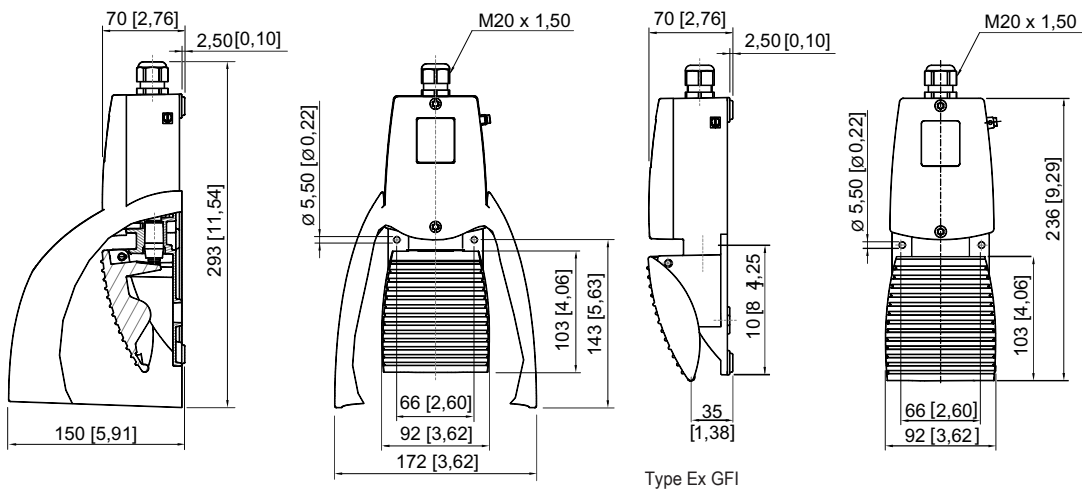
#### Mechanical Data

Degree of protection (IP) (IEC 60529)	IP66/IP67
Cover material	Corrosion-resistant aluminium, powder-coated
Positive opening operation	Yes
Actuator	Pedal
Clamping range	4 ... 13 mm
Enclosure colour	Similar to RAL 7016

#### Components

Cable glands and entries	1 x M20 Ø 4 ... 13 mm
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### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Type Ex GFSI

Type Ex GFI