

- Slim design – 12.5 mm wide – for one- and dual-channel versions
- Can be used for functional safety levels up to SIL 2 (IEC/EN 61508)
- Offers line fault detection with signalization

A3

WebCode **9270A**



Series 9270 switching repeaters can be used for operating contacts, NAMUR proximity sensors or optocouplers. A relay output or electronic output transmits the signals to the control level. The intrinsically safe digital input is galvanically separated from the output and auxiliary power.

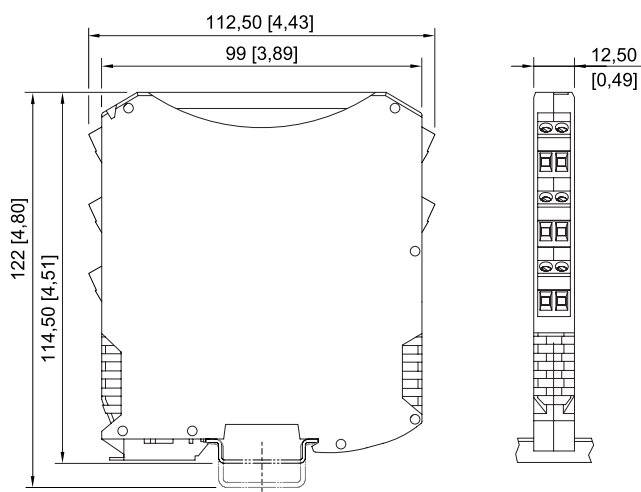
	ATEX / IECEx						NEC 505						NEC 506					
	Class I		Class II		Class III		Class I		Class II		Class III		Class I		Class II		Class III	
Zone	0	1	2	20	21	22	0	1	2	20	21	22	0	1	2	20	21	22
Ex interface	•	•	•	•	•	•	•						•	•	•	•	•	•
Installation in			•			•		•						•				

Selection Table						
Output version (control)		Electronic (30 V / 50 mA)				
Number of channels	Output per channel	Product Type	Art. No.	PS	Weight kg	
1	2 electronic outputs	9270/11-19-15s	261412▲	21	0.160	
2	1 electronic output	9270/21-14-14s	261413▲	21	0.165	
Output version (control)		Relay (250 V / 2 A)				
Number of channels	Output per channel	Product Type	Art. No.	PS	Weight kg	
1	1 change-over contact	9270/11-16-14s	261409▲	21	0.160	
	2 NOs	9270/11-17-15s	261410▲	21	0.165	
2	1 NO	9270/21-17-14s	261411▲	21	0.170	

Technical Data		
Variant	Electronic (30 V / 50 mA)	Relay (250 V / 2 A)
Explosion Protection		
Gas explosion protection IECEx	Ex nA Gc, [Ex ia Ga] IIC T4 Gc	Ex nA nC [Ex ia Ga] IIC T4 Gc
Gas explosion protection ATEX	⊕ II (1) G Ex nA Gc, [Ex ia Ga] IIC T4 Gc	⊕ II (1) G Ex nA nC [Ex ia Ga] IIC T4 Gc
Dust explosion protection IECEx	[Ex ia Da] IIIC	[Ex ia Da] IIIC
Dust explosion protection ATEX	⊕ II (1) D [Ex ia Da] IIIC	⊕ II (1) D [Ex ia Da] IIIC
Safety Data		
Max. voltage U _s	9.6 V	9.6 V
Max. current I _s	10 mA	10 mA

Technical Data		
Variant	Electronic (30 V / 50 mA)	Relay (250 V / 2 A)
Safety Data		
Max. power P_o	25 mW	25 mW
Safety-related maximum voltage	253 V AC	253 V AC
Functional Safety		
SIL	2	2
Input		
Input signal	In accordance with EN 60947-5-6 (NAMUR)	In accordance with EN 60947-5-6 (NAMUR)
Output		
Output switching frequency	5 kHz	20 Hz
Output switching capacity	30 V DC	500 VA
Ambient Conditions		
Ambient temperature	-20 °C ... +60 °C	-20 °C ... +60 °C
Storage temperature	-40 °C ... +80 °C	-40 °C ... +80 °C
Mounting / Installation		
Mounting type	NS35/15, NS35/7.5 DIN rail	NS35/15, NS35/7.5 DIN rail

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



ISpac Series 9260, 9270, 9275, 9276 with screw terminal