

- For connecting eight fieldbus devices in Zone 1
- Operated using High Power Trunk concept
- Reduced start-up current thanks to power management and short-circuit limiting with disconnection

A5

WebCode 9411G



9411/11 series Ex e field device couplers for Zone 1 can be used for interference-free connection of eight FOUNDATION Fieldbus H1 or PROFIBUS PA field devices on the High Power Trunk. The spurs with type of protection e can be used for fieldbus devices in Zone 1 (d, q, m) and are protected by a short-circuit limiting function.

The integrated power management minimises start-up and short-circuit currents. Available with screw terminals or spring clamp terminals.

	ATEX / IECEx					
	0	1	2	20	21	22
Zone						
Ex interface		•	•		•	•
Installation in		•	•		•	•

	NEC 505			NEC 506		
	Class I					
	0	1	2	20	21	22
Zone						
Ex interface		•	•		•	•
Installation in		•	•		•	•






	NEC 500					
	Class I		Class II		Class III	
	1	2	1	2	1	2
Division						
Ex interface		•		•		•
Installation in		•		•		•

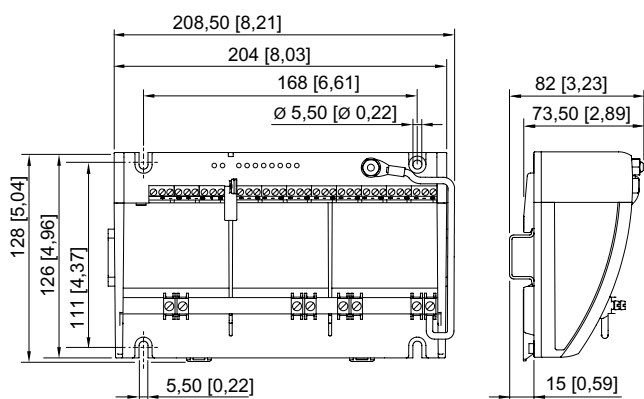
Selection Table					
Product Description	ISbus fieldbus technology Field device coupler				
Number of channels	Connection type	Product Type	Art. No.	Weight kg	
8	Screw terminal	9411/11-210-40	161855	0.940	
Field enclosures in polyester or stainless steel: customer specific solutions on request					

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex mb e IIC T4 Gb
ATEX gas explosion protection	Ⓔ II 2 G Ex mb e IIC T4 Gb
EAC gas explosion protection	Ⓔ 1 Ex e mb IIC T4 Gb X
Certificates	ATEX (BVS), Brazil (ULB), Canada (FM), EAC (Sertium), IECEx (BVS), International (FF), USA (FM)
Auxiliary Power	
Power dissipation max.	1.1 W
Notes	Auxiliary power is not necessary, the field device coupler will be supplied by the trunk
Input	
Voltage range Trunk	9 – 32 V
Output	
Output voltage	Min. 10 V at 41 mA
Output current	0 mA ... 41 mA; per spur

Ambient Conditions	
Ambient temperature	-40 °C ... +75 °C
Mechanical Data	
Field enclosure	Without, DIN rail mounting

Accessories

Figure	Description	Art. No.	Weight kg
Earthing bar set for 8 Spurs			
	Earthing bar 9411 spring terminal strap with 10 terminals	202775 ▲	0.200
Fieldbus Power Supply			
	Fieldbus power supply and diagnostics	200586	0.135
	Fieldbus power supply, diagnostics and adjustable warning level	200588 ▲	0.135
Fieldbus Wizard Engineering Tool			
	Engineering tool for segment design of Foundation Fieldbus or Profibus PA fieldbus installations Download under www.fieldbus-solutions.info	-	-
Terminator			
	Fieldbus Terminator "Ex m"	168062 ▲	0.080
	Fieldbus Terminator "Ex i"	168063	0.080



Field Device Coupler, 8 Spurs, without enclosure

Dimensional Drawings on the Internet r-stahl.com