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The Type 9411/11-2**-*0 Field Device Coupler is an Explosion protected device for installation in Class I, Zone 1 or Class I, II, III, Division 2, Groups A-G Hazardous Areas and provides increased safety terminals for safe connection of non I.S. fieldbus circuits.

Field device coupler Type 9411/11-2de-f0

d = numeral 1 or 2 for design of terminal

e = numeral 0, 3 or 4 for Protective Enclosure

f = numeral 3 or 4 for number of Channels

1 = Screw type terminals;
 2 = Cage clamp terminals
 0 = without;
 3 = Plastic (Type 8146);
 4 = Metal (Type 8125)
 3 = 4 Channels;
 4 = 8 Channels

Nominal values are as follows:

	V _{nom}	I _{nom} (4 channel at 40 mA)	I _{nom} (8 channel at 40 mA)
Terminal TRUNK + / -	24 V (12 to 32 V)	182 mA	342 mA
Terminal SPUR + / -	24 V (12 to 32 V)	≤ 40 mA	≤ 40 mA


Notes:

- For Connections refer to chapter 10 of Operation instruction.
- Installation should be in accordance with Article 504/505 of the National Electrical Code, ANSI/NFPA 70
- Installation in Canada should be in accordance with the Canadian Electrical Code, CSA C22.1, Part 1, Appendix F.
- Each channel shall be installed within a separately shielded cable or a single cable with a separate shield for each channel.
- Alternatively use Terminal "S" for connection of the cable shield for capacitive (≤ 5.2 nF) decoupled grounding or use ground busbar terminals for direct ground connection.
- Ambient temperature: -40°C ... +75°C (Type 9411/1 1-2a0-c0)
 -20°C ... +70°C (Type 9411/11-2ab-c0, b = 3, 4)
- The following only applies for Type 9411/11-2a0-c0
 - Use a general purpose enclosure meeting the requirements of ANSI/ISA S82.02.01 for use in Non-Hazardous or Class I, Division 2, Hazardous (Classified) Locations.
 - Use an FM Approved Dust-ignition proof enclosure appropriate for environmental protection in Class II, Division 1, Groups E, F and G; and Class III, Hazardous (Classified) Locations.
 - The FDC Types 9411/21-2a0-c0 are to be snap mounted on DIN rail or screw mounted on a rail or plate.

WARNING : Substitution of components may impair Intrinsic Safety.
 Do not disconnect equipment when a flammable or combustable atmosphere is present.

AVERTISSEMENT: Substitution de composants peut compromettre la sécurité intrinsèque.
 Ne pas débrancher l'équipement en présence d'atmosphère inflammable ou combustible.

The safety relevant statements of this document may be transferred into the operating instructions.
 Transferring the text, editorial changes of equivalent meaning are allowed.

Version	Date	Name	Certification drawing		Scale		
	2006	<i>Date</i>					
	<i>drawn</i>	24.05.	Einsiedler		none		
	<i>checked</i>		Kaiser		<i>Sheet</i>		
04	19.02.13	Bader			1 of 1		
03	04.10.11	Reistle			IS bus - Field Device Coupler Type 9411/11-2**-*0	<i>Agency</i>	
02	27.09.10	Reistle				9411 6 031 002 1	FM
01	19.09.06	Einsiedler					
			<i>Ers. f.</i>	<i>Ers. d.</i>	A4		

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