



- For single or redundant power supply to the Foundation fieldbus H1 segments (high power trunk)
- The complete set includes bus-Carriers and fieldbus power supply units
- Slot for the 9415 diagnostics communication module for the transmission of physical layer data

A5

WebCode 9420A



Carrier versions for 8 segments with simplex supply and for 4 or 8 segments with redundant supply are available. Due to a high output power of up to 28 V and 500 mA for each segment, a large number of devices can be operated even over long distances. During operation, the fieldbus segments are monitored for overloads and short circuits. An error message is output via an integrated relay contact.

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

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

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


Selection Table						
Product Description	ISbus fieldbus technology Fieldbus power supply set					
Connection	Trunk supply	Set content	Product Type	Art. No.	Weight kg	
To any FF H1 host	Simplex	bus-Carrier + 8 fieldbus power supplies	9420/08F-XX1-01C1	213057	1.700	
	Redundant	bus-Carrier + 16 fieldbus power supplies	9420/08R-XX1-02C1	213059	3.400	

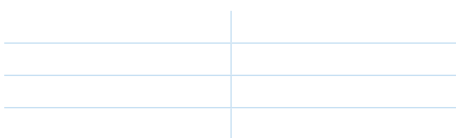
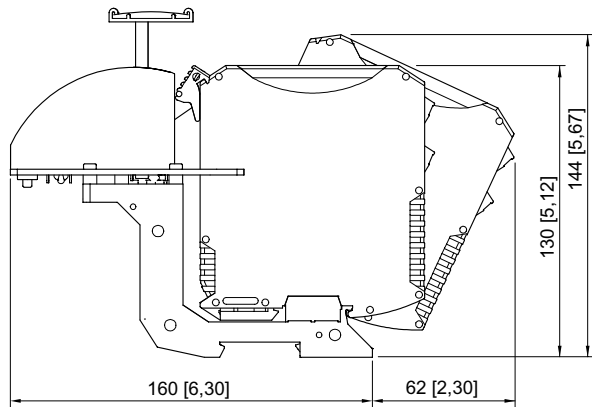
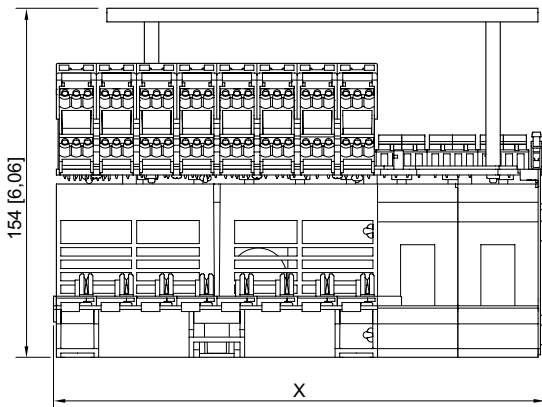
Please order diagnostics communication module Series 9415 separately - see accessories

Technical Data	
Electrical Data	
Number of segments	8
Segment supply U_s	≥ 28 V DC
Segment supply I_s	10 mA ... 500 mA; (redundant = 2 x 250 mA)
Error detection Power Fail (pri / red)	Contact "PF (Power Fail)" (35 V / 100 mA), closed in good conditions
Error detection Diagnostic	Contact "Dia (Diagnostics)" (35 V / 100 mA), closed in good conditions
Auxiliary Power	
Nominal voltage	24 V DC
Ambient Conditions	
Ambient temperature	-20 °C ... +70 °C
Mechanical Data	
Connection Trunk	to the terminals of the bus-Carrier or of the fieldbus power supply
Connection Host / red. host	to the terminals of the bus-Carrier or of the fieldbus power supply
Connection DCM	via ribbon cable using plug connectors
Connection shield	via integrated shield bar with strain relief

Connection earthing via terminal 0.2 ... 2.5 mm²

Accessories

Figure	Description	Art. No.	Weight kg
bus-Carrier			
	bus-Carrier for 4 segments, redundant	208746	0.600
	bus-Carrier for 8 segments, simplex	208745	0.600
	bus-Carrier for 8 segments, redundant	208747 ▲	1.200
Fieldbus Power Supply			
	Fieldbus power supply and diagnostics	200586	0.135



Dimensional Drawings on the Internet r-stahl.com