



- Time- and cost-saving installation on DIN rails or mounting plates
- High availability thanks to redundant auxiliary power supply with signalling contact and separate signalling contact for segment errors
- Special slot for FG-200 linking device or Softing pnGate PA and for DCM series 9415 for online transmission of physical layer diagnostics

A5

WebCode 9419C



Modbus TCP



9419 series bus-Carriers allow 9412 series fieldbus power supplies for FF H1 segments to be installed quickly and securely. Variants are available for four or eight segments with simplex supply and for four segments with redundant supply.

Softing „FG-200 HSE/FF Modbus“ linking devices and pnGate PA can be integrated into this version, and can link up to eight H1 segments to the Modbus TCP protocol or PROFINET.

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

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

	CEC Section 18 NEC® 505 NEC® 506					
	Class I			Class I		
Zone	0	1	2	20	21	22
Installation in			•			




Selection Table					
Product Description					
ISbus fieldbus technology bus-Carrier linking device For Zone 2					
Trunk supply	Number of segments	Number of slots	Product Type	Art. No.	Weight kg
Redundant	4	8 FPS + 2 LD + 1 DCM	9419/04R-LD1-02E1	250241	0.980
Simplex	4	4 FPS + 1 LD + 1 DCM	9419/04F-LD1-01E1	250240	0.712
	8	8 FPS + 2 LD + 1 DCM	9419/08F-LD1-01E1	250242	1.010

The shield terminals (see accessories) must be ordered separately for the bus-carrier.

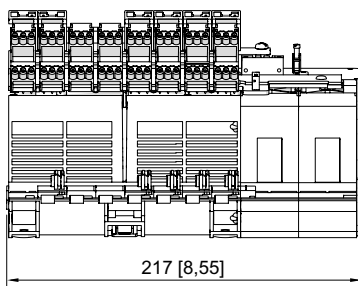
Please order fieldbus power supplies (FPS), diagnosis communication module (DCM) and linking devices (LD) separately.

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex nA nC IIC T4 Gc
ATEX gas explosion protection	⊕ II 3 G Ex nA nC IIC T4 Gc
Certificates	ATEX (BVS), IECEX (BVS)
Electrical Data	
Error detection Power Fail (pri / red)	Contact "PF" (35 V/100 mA) closed in go-state
Error detection Diagnostic	Contact "Dia" (35 V/100 mA) closed in go-state
Auxiliary Power	
Nominal voltage	24 V DC
Redundant supply	Yes, diode-decoupled
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C

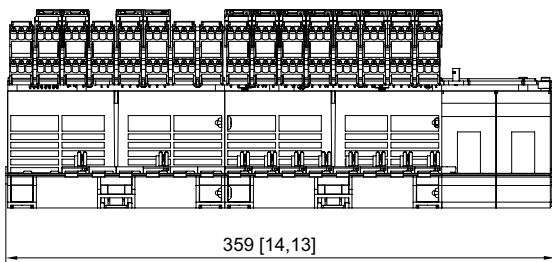
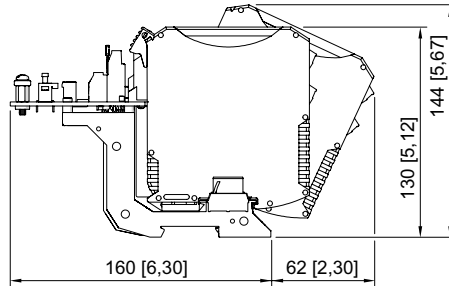
Accessories

Figure	Description	Art. No.	Weight kg
Diagnostics communication module 9415			
	Transmission of diagnostic data for up to eight segments via FF H1	207903	0.240
Fieldbus power supply			
	Fieldbus supply, diagnostics and adjustable warning level	200588	0.135
Spring clamp clip			
	Spring clamp clip KLBÜ C01	113509	0.001

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



9419/04F-LD1-01E1



9419/08F-LD1-01E1, 9419/04R-LD1-02E1

