



- 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 for the 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.

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

Selection Table					
ISbus fieldbus technology bus-Carrier for linking device					
Product Description	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), Brazil (ULB), EAC (Sertium), IECEx (BVS), India (PESO)
Electrical Data	
Error detection Power Fail (pri / red)	Contact "PF" (35 V /100 mA) closed in good conditions
Error detection Diagnostic	Contact "Dia" (35 V /100 mA) closed in good conditions
Auxiliary Power	
Nominal voltage	24 V DC
Redundant supply	yes, diode-decoupled
Ambient Conditions	
Ambient temperature	-20 °C ... +60 °C

Technical Data
Mechanical Data

Connection Trunk	to the terminals of the bus-Carrier or of the fieldbus power supply
Connection DCM	see operating instructions Series 9415
Connection shield	Shield terminal or plug connector or shield bus with strain relief
Connection Linking Device	Fieldbuses automatically by clicking into place in the slot provided. Auxiliary power automatically by clicking into place on the slot provided. Ethernet (HSE / Modbus TCP), PROFINET through RJ45 connector

Accessories

Figure	Description	Art. No.	Weight kg
Diagnosis Communication Module 9415			
	Transmission of diagnostics data for up to 8 segments via FF H1	207903	0.240
Fieldbus Power Supply			
	Fieldbus power supply, diagnostics and adjustable warning level	200588 ▲	0.135
Spring-loaded clamping bracket			
	Spring-loaded clamping bracket KLBÜ C01	113509	0.001

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