

- 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 9415 series DCM for online transmission of physical layer diagnostics

A5
WebCode 9419A


9419 series bus carriers allow 9412 series fieldbus power supplies for FF H1 segments to be installed quickly and securely. Variants are available for eight segments with simplex supply and for four or eight segments with redundant supply. Pluggable terminals are used to connect the fieldbus segments and host assemblies.

| | 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 Bus-Carrier | | | | | |
| Connection | Trunk supply | Number of segments | Number of slots | Product Type | Art. No. | Weight kg |
| To any FF H1 host | Redundant | 4 | 8 FPS + 1 DCM | 9419/04R-XX1-02C1 | 208746 | 0.600 |
| | Simplex | 8 | 8 FPS + 1 DCM | 9419/08F-XX1-01C1 | 208745 | 0.600 |
| | Redundant | 8 | 16 FPS + 1 DCM | 9419/08R-XX1-02C1 | 208747 ▲ | 1.200 |

The shield terminals (see accessories) must be ordered separately for the bus-carrier.
 Please order fieldbus power supplies (FPS) and diagnosis communication module (DCM) 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 |
| EAC gas explosion protection | 2 Ex nA nC IIC T4 Gc X |
| Certificates | ATEX (BVS), Brazil (ULB), Canada (FM), EAC (Sertium), IECEx (BVS), India (PESO), USA (FM) |
| 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 ... +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 Supplies |
| Connection DCM | via ribbon cable using plug connectors |
| Connection shield | via integrated shield bar with strain relief |

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

