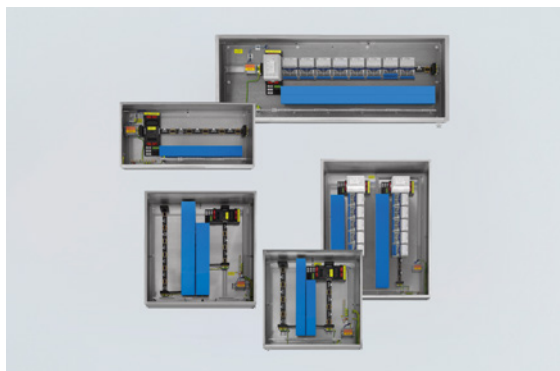


## Remote I/O

Remote I/O IS1+ Standard enclosure NEC/CEC  
with shield bar, blue wire duct and Gateway  
S-EIP-C1D1-16 Art. No. 276998



- Ready to install in NEC; CEC Class I, Div. 1
- 316SS NEMA 4X enclosures (based on 8150 series)
- I/O modules need to be purchased separately
- Ex interface depends on selected I/O modules

WebCode 81500



With the IS1+ standard enclosures for Cl. I, Div. 1, we offer you a variety of prefabricated field enclosures made from stainless steel 316SS. The communication module, power module, bus rails and sockets are included and already installed in the enclosure. Only need to add the I/O modules and entries to the system.

### Technical Data

#### Explosion Protection

|                           |                                    |
|---------------------------|------------------------------------|
| Application range (Zones) | 2                                  |
| IECEX gas certificate     | yes                                |
| FMus certificate          | FM17US0332X                        |
| cFM certificate           | FM16CA0134X                        |
| Marking cFMus             | Class I, Div. 1,2, Groups A,B,C,D; |

#### Electrical Data

|                              |   |
|------------------------------|---|
| Applicable IS1+ modules note | I/O modules need to be ordered and installed separately. I/O modules require terminal blocks for field wire connection. |
|------------------------------|---|

#### Auxiliary Power

|   |                          |
|---|--------------------------|
| Auxiliary power rated operating voltage | 24 V DC (20 ... 35 V DC) |
|---|--------------------------|

#### Device Specific Data

|              |   |
|--------------|---|
| IS1+ BusRail | 1 x BusRail for 16 slots, consisting of 4 x 9494/S1-M4 and 2 x 9494/L1-V8 - Extended cable bus rail |
| Cable duct   | 1 x (3 " x 4 " x 21 ")  |
| Shield bus   | Yes   |
| Front door   | 1 x opening upwards<br>3 x cam lock<br>with cover support right                                     |

#### Ambient Conditions

|                        |                   |
|------------------------|-------------------|
| Ambient temperature °C | -20 °C ... +65 °C |
| Ambient temperature °F | -4 °F ... +149 °F |

#### Mechanical Data

|                              |  |
|------------------------------|--|
| Grounding connection version | External M8 PE connection                      |
| Degree of protection (IP)    | IP65   |
| Enclosure material           | Stainless steel, (AISI 316L)<br>brush finished |
| Sealing material             | Silicone foam gasket                           |
| Silicone-free                | No   |

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## Mechanical Data

|                       |  |
|-----------------------|--|
| Dimensions (WxHxD)    | 39.4 in x 47.2 in x 11.8 in / 1000 mm x 1200 mm x 300 mm |
| Width                 | 1000 mm  |
| Width, inches         | 39.4 in  |
| Height                | 1200 mm  |
| Height, inches        | 47.2 in  |
| Depth                 | 300 mm   |
| Depth, inches         | 11.8 in  |
| Wall thickness        | 38 mm  |
| Wall thickness inches | 1.5"   |
| Weight                | 0 kg   |
| Weight                | 0 lb   |

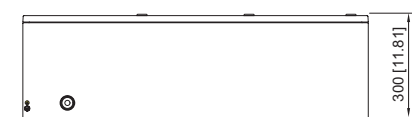
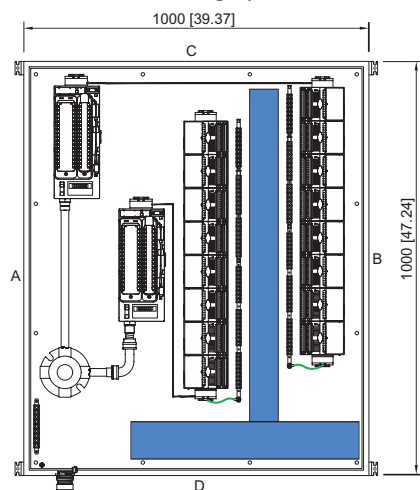
## Mounting / Installation

|                      |                       |
|----------------------|-----------------------|
| Mounting orientation | Horizontal            |
| Connection type      | Screw-type connection |

## Components

|                      |   |
|----------------------|---|
| Built-in unit 1      | 1 x BusRail for 16 slots<br>(2 x CPM, 16 x I/O – modules)   |
| Built-in unit 2      | 2 x Socket simple Ethernet IP 9492/13-13-41   |
| Built-in unit 3      | 2 x CPU 9441/12-00-00   |
| Built-in unit 3 note | Communication is done via fiber optic [op is]. Media converter series 9721 needs to be purchased separately.                    |
| Built-in unit 4      | 2 x Power module (9444/12-11)   |
| Built-in unit 5      | 1 x conduit Hub 9491/00-13-70 included in the enclosure   |
| Cable entry note     | The entries should be done so that the enclosure maintains NEMA 4X rating. Contact factory for additional details if necessary. |
| Entry 1              | 1/2 " conduit entry provided  |

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



S-...-C1D1-16

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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.