

Remote I/O

Remote I/O IS1+ Standard enclosure NEC/CEC
with shield bar, blue wire duct and Gateway
S-MP-C1D2-05 Art. No. 277001



- Ready to install in NEC; CEC Class I, II, Div. 2 and Zone 2 areas
- 316SS NEMA 4X enclosures (based on 8150)
- I/O modules need to be purchase separately
- Ex interface depends on selected I/O modules

WebCode 8150N



With the IS1+ standard enclosures for Cl. I, II, Div. 2 and Zone 2, we offer you a variety of pre-fabricated 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. 2, Groups A,B,C,D; Class I, Zone 2, AEx/Ex ... T4 Gc

Electrical Data

Protocols	Profibus DP EtherNet/IP Modbus TCP PROFINET
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)
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Device Specific Data

IS1+ BusRail	1 x BusRail for 6 slots, consisting of 9494/S1-M4 and 9494/S1-B2
Cable duct	1 x (3 " x 4 " x 21 ")
Shield bus	Yes
Front door	1 x opening upwards 3 x cam lock with cover support right

Ambient Conditions

Ambient temperature °C	-40 °C ... +75 °C
Ambient temperature °F	-40 °F ... +167 °F

Mechanical Data

Grounding connection version	External M8 PE connection
Degree of protection (IP)	IP65

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Mechanical Data

Enclosure material	Stainless steel, (AISI 316L) brush finished
Sealing material	Silicone foam gasket
Silicone-free	No
Dimensions (WxHxD)	30.9 in x 18.8 in x 9.1 in 787 mm x 480 mm x 230 mm
Width	787 mm
Width, inches	30.9 in
Height	480 mm
Height, inches	18.8 in
Depth	230 mm
Depth, inches	9.1 in
Wall thickness	38 mm
Wall thickness inches	1.5"
Weight	0 kg
Weight	0 lb

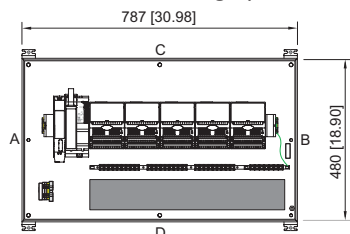
Mounting / Installation

Mounting orientation	Horizontal
Connection type	Screw-type connection

Components

Built-in unit 1	1 x BusRail for 6 slots (1 x CPM, 5 x I/O – modules)
Built-in unit 2	1 x Socket 9496/35-03-00
Built-in unit 3	1 x CPU 9442/35-10-00
Built-in unit 4	1 x Power module 9445/35-12 and connector Art. No. 261232
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	No entries provided
Type of terminals 1	2 x UT2.5
Type of grounding terminal 1	1 x UT2.5-PE

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



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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.