



- For supply the IS1+ system with intrinsically safe power
- For up to eight IS1+ I/O modules and connected field devices
- Power module in Zone 1 can be replaced without having to disconnect the power supply (i.e. hot-swapped)
- Can be used in conjunction with the 9441/12 CPU and the 9492/12 socket

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WebCode **9444A**



The Series 9444/12 power module supplies up to eight IS1+ I/O modules, including the connected field circuits, with intrinsically safe power. A 24 V DC external power supply is provided. The power module can be replaced while the system is in operation and without having to disconnect the power supply (i.e. hot-swapped).

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

	NEC® 500 CE Code Appendix J					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
Ex interface	•	•	•	•	•	•
Installation in	•	•				

	CE Code Section 18					
	NEC® 505			NEC® 506		
Zone	Class I			20	21	22
Ex interface	0	1	2			
Ex interface	•	•	•			
Installation in		•	•			

Selection Table				
Installation	Zone 1/Division 1			
Nominal voltage	Product Type	Art. No.	Weight	
24 V DC	9444/12-11	166178	2.41 kg	

Please order the 9441/12 CPU and 9492/12 socket separately (see accessories).



Technical Data	
<b>Explosion Protection</b>	
IECEX gas explosion protection	Ex d e [ia Ga] IIC T4 Gb
IECEX dust explosion protection	[Ex ia Da] IIIC
ATEX gas explosion protection	⊕ II 2 (1) G Ex d e [ia Ga] IIC T4 Gb
ATEX dust explosion protection	⊕ II (1) D [Ex ia Da] IIIC
Certificates	ATEX (DEK), Brazil (ULB), Canada (FM), IECEX (DEK), USA (FM)
Ship approval	ABS, BVIS, EU RO MR (DNV), KR, LR
<b>Auxiliary Power</b>	
Current consumption (without I/O modules)	0.36 A at 24 V DC
Current consumption (8 I/O modules)	Approx. 2.6 A at 24 V DC
Power dissipation (without I/O modules)	8.6 W
Power dissipation (with 8 I/O modules)	14 W
<b>Ambient Conditions</b>	
Ambient temperature	-20°C ... +65°C
<b>Mechanical Data</b>	
Degree of protection (IP) (IEC 60529)	IP30

### Technical Data

#### Mechanical Data

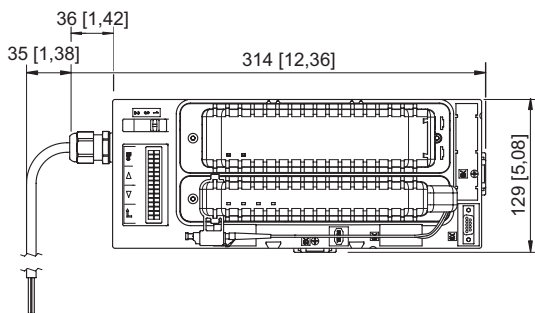
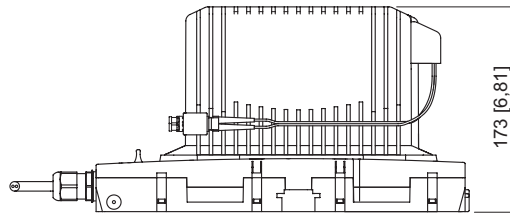
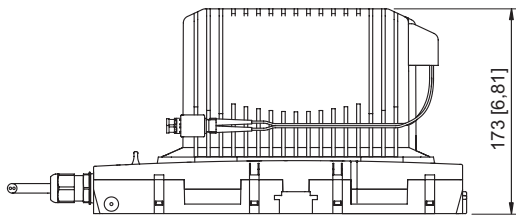
Width	58 mm
Depth	158 mm
Length	226 mm

### Accessories

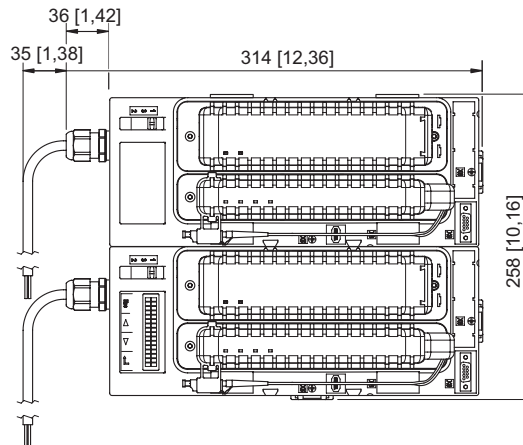
Figure	Description	Art. No.	Weight
Series 9492/12 socket for CPU & power module			
	Zone 1 Fieldbus: Modbus TCP, simplex 24 V DC	166176	1.1 kg
	Zone 1 Fieldbus: PROFINET, simplex 24 V DC	166321	1.1 kg
	Zone 1 Fieldbus: EtherNet/IP™, simplex 24 V DC	166322	1.1 kg
	Zone 1 Fieldbus: Modbus TCP, redundant 24 V DC	166324	2.2 kg

Socket and accessories for installation in Div. 1 available on request

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



Ethernet CPU module and power module with socket for Zone 1



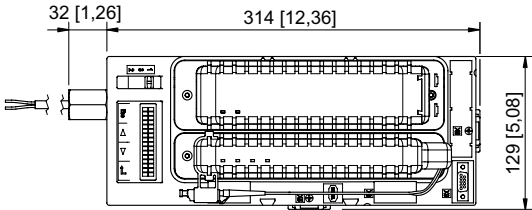
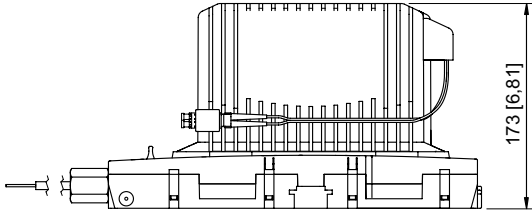
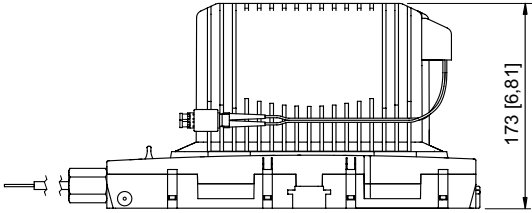
Ethernet CPU module and power module with redundant socket for Zone 1

# Ethernet power module for Zone 1/Div. 1

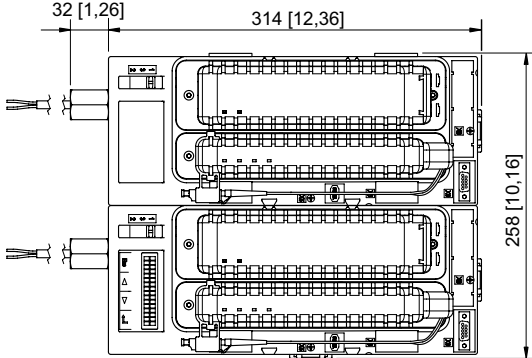
Series 9444/12



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Ethernet CPU module and power module with socket for Div. 1



Ethernet CPU module and power module with redundant socket for Div. 1