



- Redundant supply for increased availability
- DIP switch makes adjusting operating statuses easy
- Can be used for ISpac Series 91xx und 92xx

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MY R. STAHL 9193A



The 9193 series supply module supplies the pac-bus with auxiliary power and reads any line fault messages or auxiliary power failures for all of the ISpac devices installed on the pac-Bus. The supply current of up to 4 A is sufficient for approximately 30-50 modules. Power can be supplied using a single or redundant system. The device is provided with an interchangeable fuse.

	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 Class I			NEC® 506		
Zone	0	1	2	20	21	22
Ex interface			•			
Installation in			•			

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

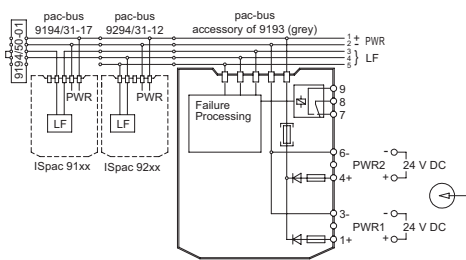
Selection Table					
Product description		Supply module ISpac			
Supply	Connection type	Product Type	Art. No.	Weight lb	
24 V/4 A, primary + redundant	Screw terminal	9193/21-11-11s	268183	0.3 lb	
	Spring clamp terminal	9193/21-11-11k	268184	0.3 lb	

Technical Data	
Explosion Protection	
FMus certificate	FM16US0122X
cFM certificate	FM16CA0067X
cFM certificate	FM16CA0067X
Marking cFMus	Class I, Div. 2, Groups A,B,C,D; Class I, Zone 2, IIC T4 at Ta = 70°C
IECEX gas certificate	IECEX BVS 10.0042 X
IECEX gas explosion protection	Ex ec nC IIC T4 Gc
Certificates	ATEX (BVS), Canada (FM), China (NEPSI), IECEX (BVS), India (PESO), USA (FM)
Ship approval	CCS, EU RO MR (DNV)
Auxiliary Power	
Auxiliary power	24 V DC
Auxiliary power voltage range	18 ... 31.2 V
Output	
Output	24 V/max. 4 A, pac-Bus supply
Collective error message	35 V /100 mA / DC relay contact


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Technical Data	
Ambient Conditions	
Ambient temperature °F	-40°F ... +158°F (Single device) -40°F ... +131°F (Group assembly)
Ambient temperature °C	-40 °C ... +70 °C (Single device) -40 °C ... +55 °C (Group assembly)
Storage temperature °F	-40°F ... +176°F
Storage temperature °C	-40 °C ... +80 °C
Mounting / Installation	
Mounting type	DIN rail NS35/15, NS35/7.5

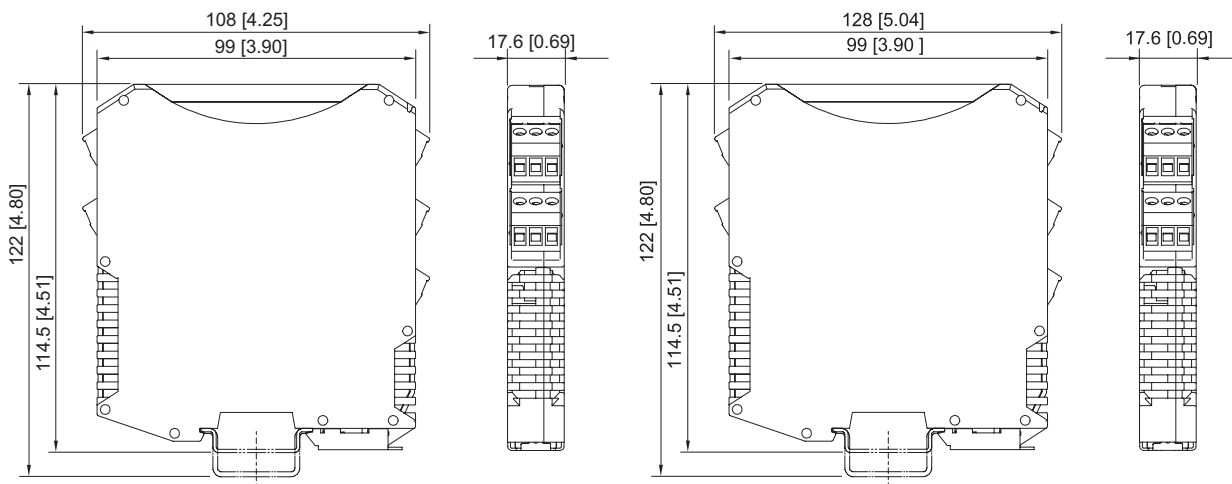
Technical Drawings – Subject to Alterations



Spare Parts

Figure	Description	Product Type	Art. No.	Weight lb
	Replacement for the back-up fuse of the 9193/21-11-11 supply module	G-fuse link 5x20 T 5,000A L	111412	-

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



ISpac Series 9143, 9146, 9147, 9160, 9162, 9163, 9165, 9167, 9170, 9172, 9175, 9176, 9180, 9182, 9193, ISbus Series 9412 with screw terminal

ISpac Series 9146, 9147, 9160, 9162, 9163, 9165, 9167, 9170, 9172, 9175, 9176, 9180, 9182, 9193, Fieldbus Power Supply Series 9412 with spring clamp terminal