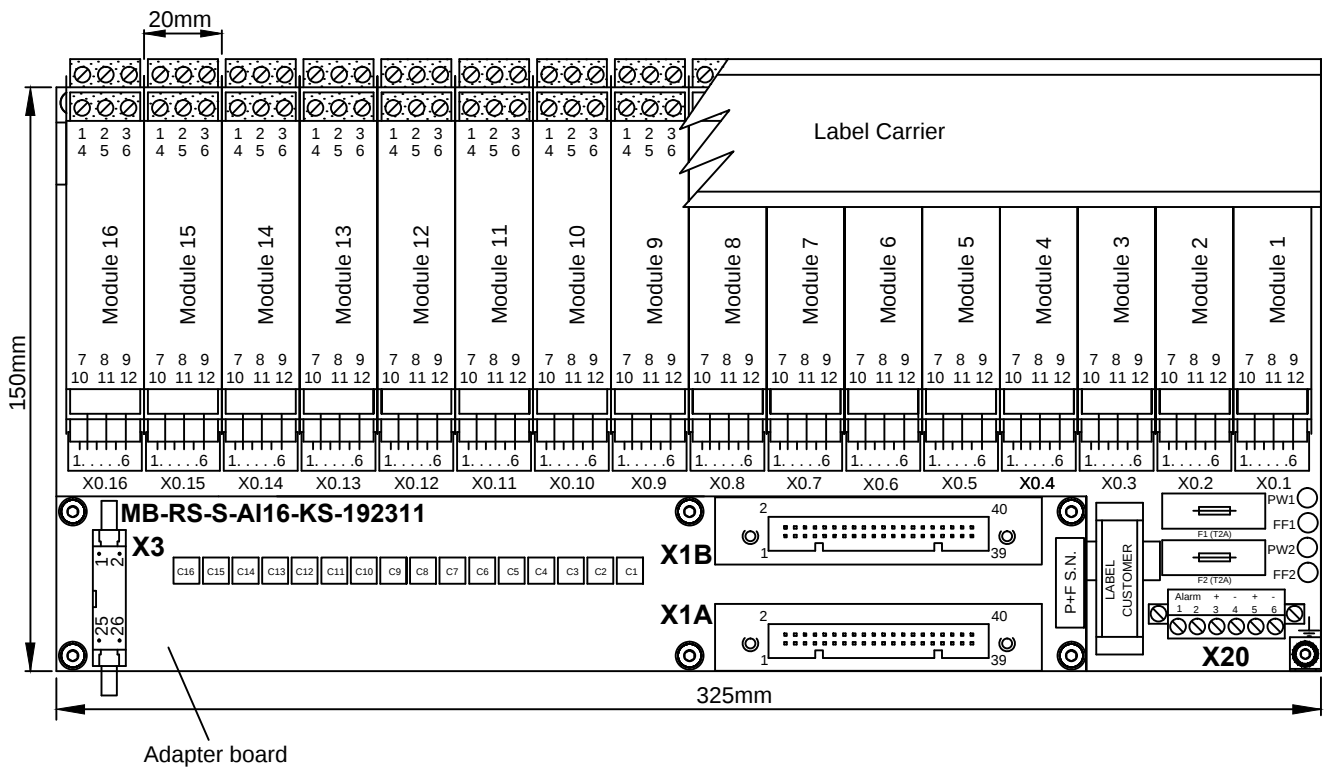




Name	Note	Part No.
X1A, X1B	40-pin male system connector YO40 (for KS system cable)	-----
X3	26-pin male HART connector	-----
KFD0-LC1-16M	Label carrier (optional, to be ordered separately)	-----
X20.3 ... 6	Power supply pluggable screw terminals: 3,5 (+) 4,6 (-)	-----
	Core cross-section: 0.25 ... 2.5 mm ² (24 ... 12 AWG)	
X20.1, X20.2	Alarm screw terminal: contact loading 30 V DC, 1 A	-----
F1, F2	Fuse 2 A, in each case for 16 modules	-----
PW1, PW2	Motherboard power supply ON (green LED)	-----
FF1, FF2	Motherboard power supply FAULT (red LED)	-----
X0.1 ... 16	FSYO-L460-192303	192303

Motherboard name according to the recommended KF- module type					
Motherboard without KF-Module	KF-Module type (function)	F.	Module Slot No.	FSY Cable Type	Board Slot No.
MB-RS-S-AI16-KS-192311	KFD2-STC4-Ex1	AI	Module 1 ... 16	FSYO-L460-192303	X0.1 ... 16

Yokogawa ProSafe-RS Analog Input Type SAI143

Note: the module SAI143 must set in 4-wire mode ! (Termination A to internal GND)

The equivalent non I.S. barrier devices may also be used



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16 Channels - redundant
MB-RS-S-AI16-KS-192311

Respons.: SG.WM

Approved: DP.HH

Norm:

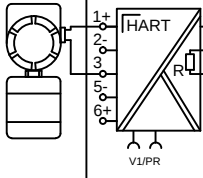
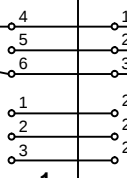
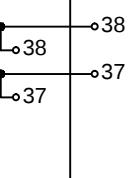
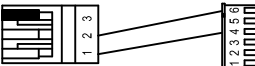
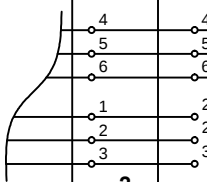
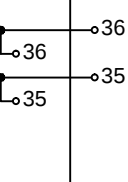
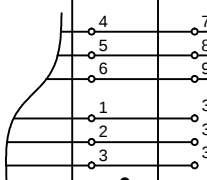
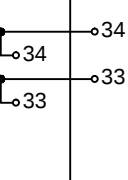
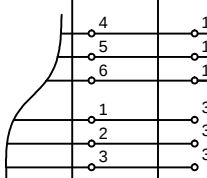
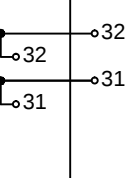
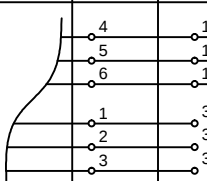
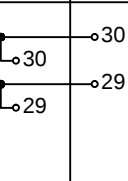
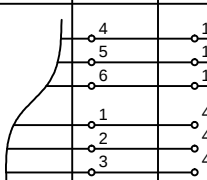
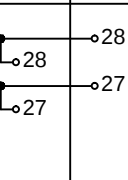
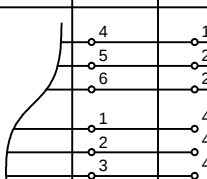
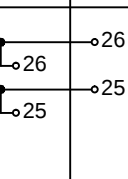
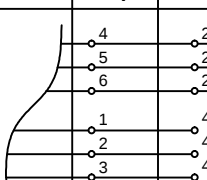
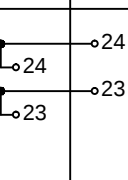
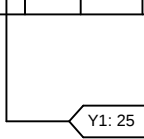
Date: 2-Jun-16

36-7756A

Scale: 1:2

Sheet 1

of 3

Field	Module	FSY-	X0.	Y1		X3		X1B	X1A	Ch.	Module and cable types	
	1								IN1A IN1B	AI Module type: KFD2-STC4-Ex1 FSY- Cable type: FSYO-L460-192303	KF-Module terminal no.: 9 8 7 	
	2								IN2A IN2B			
	3								IN3A IN3B			
	4								IN4A IN4B			
	5								IN5A IN5B			
	6								IN6A IN6B			
	7								IN7A IN7B			
	8								IN8A IN8B			
												
 PEPPERL+FUCHS Singapore											Motherboard Unit Analog Input + HART 16 Channels - redundant MB-RS-S-AI16-KS-192311	
											Respons.: SG.WM	
											Approved: DP.HH	
											Norm:	
											Date: 2-Jun-16	
											36-7756A	
											Scale: 1:2	
											Sheet 2	
											of 3	

Field	Module	FSY-	X0.	Y1		X3		X1B	X1A	Ch.	
		Y1: 22		9						IN9+ IN9-	
				10						IN10+ IN10-	
				11						IN11+ IN11-	
				12						IN12+ IN12-	
				13						IN13+ IN13-	
				14						IN14+ IN14-	
				15						IN15+ IN15-	
				16						IN16+ IN16-	
			(24 V DC) X20: 3,5	49 ... 51		1 ... 5	1 40	1 CBSE			
			(0 V) X20: 4,6	52 ... 54		14, 15	2..6, 39	2..6, 39 n.c.			
			Ground metal mounting plate	55		24 ... 26					
			RB-V1	56							
			RB-V2	57							
			LB/SC	58							
			PF1	59							
			PF2	60							
						Power Supply Fault	Relay K1	x20 Alarm			
Loop for channel 1 common for 16 channels C1...C16 = capacitor 4.7 µF/50 V											
Respons.: SG.WM Approved: DP.HH Norm:											
Date: 2-Jun-16 Scale: 1:2 36-7756A Sheet 3 of 3											



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