

Name	Note	Part No.
X1A, X1B	50-pin male system connector YO50 (for AKB331 or AKB337 system cable)	-----
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 <sup>2</sup> (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	FSY-L456-Y98837	098837

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-C3-DO32-AKB-182641	KFD2-SL2-Ex2	DO	Module 1 ... 16	FSY-L456-Y98837	X0.1 ... 16

Yokogawa CS3000 R3 Discrete Output Type ADV551 (1 board/32 channels, cable type AKB331)  
Type ADV561 (2 boards/64 channels, cable type AKB337)

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

Field	Module	FSY-	X0.	Y1		X1B	X1A	Ch.	Module and cable types
			4 5 6	1 2 3		50 50 48	50 48	OUT1 OUT2	<b>DO Module type:</b> KFD2-SL2-Ex2 <b>FSY- Cable type:</b> FSY-L456-Y98837  KF-Module terminal no.:
			4 5 6	4 5 6		46 46 44	46 44	OUT3 OUT4	
			4 5 6	7 8 9		42 42 40	42 40	OUT5 OUT6	
			4 5 6	10 11 12		38 38 36	38 36	OUT7 OUT8	
			4 5 6	13 14 15		34 34 32	34 32	OUT9 OUT10	
			4 5 6	16 17 18		30 30 28	30 28	OUT11 OUT12	
			4 5 6	19 20 21		26 26 24	26 24	OUT13 OUT14	
			4 5 6	22 23 24		22 22 20	22 20	OUT15 OUT16	
						3...6 8, 10	3...6 n.c. 8, 10		



**PEPPERL+FUCHS**  
Singapore

Motherboard Unit  
Digital Output  
32 Channels - redundant  
**MB-C3-DO32-AKB-182641**

Respons.: SG.WM

Date: 3-Jun-16

Scale: 1:2

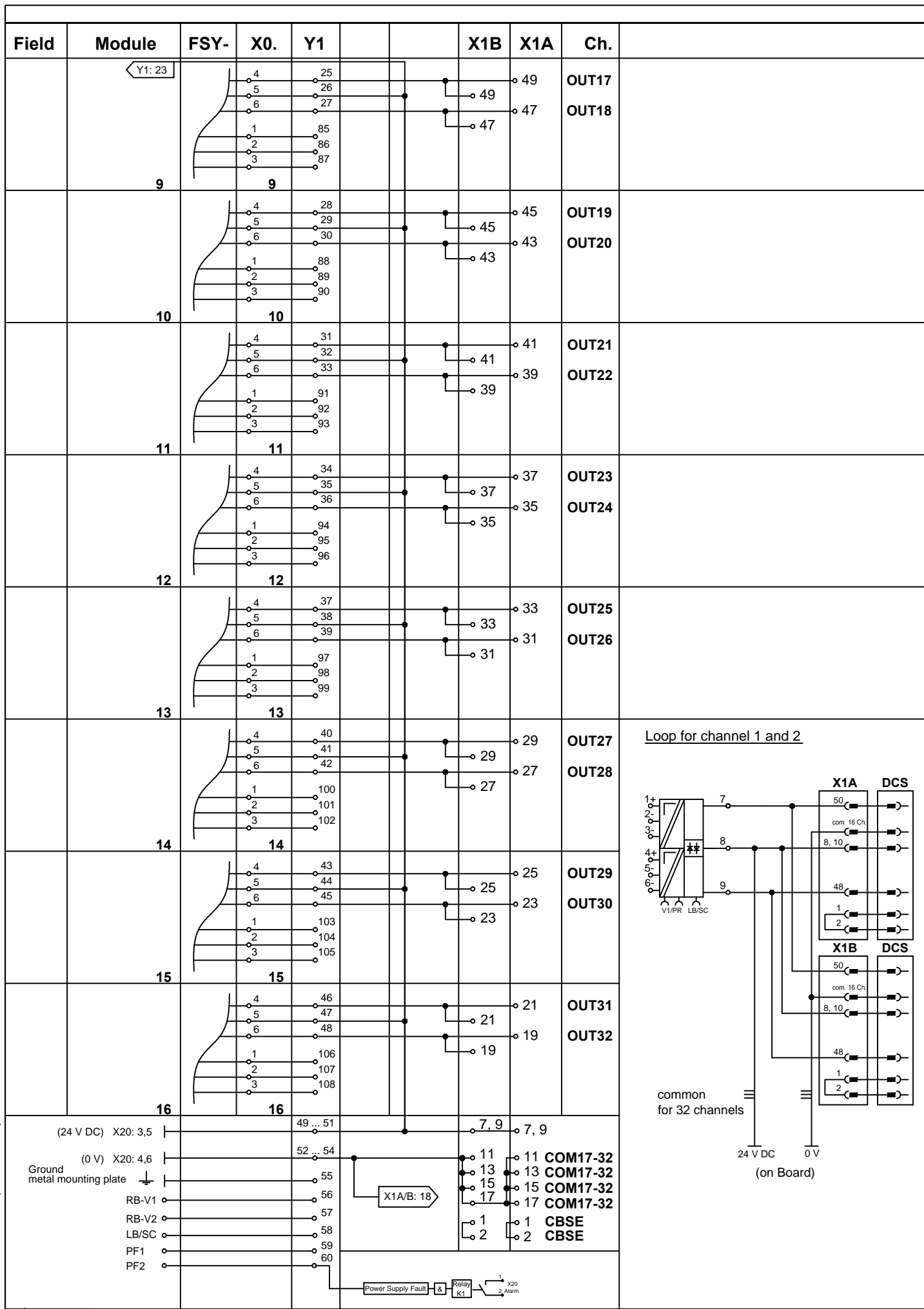
Approved: DP.HH

**36-7677D**

Sheet 2

Norm:

of 3



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Singapore

Motherboard Unit  
Digital Output  
32 Channels - redundant  
**MB-C3-DO32-AKB-182641**

Respons.: SG.WM  
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Norm:

Date: 3-Jun-16  
**36-7677D**  
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Sheet 3 of 3