



Name	Note	Part.No.:
X1A, X1B	50 pin male system connector YO50 (for AKB system cable)	---
KFD0-LC1-16M	Label carrier 1 (option, to order separate)	99144
X0.1 ... 16	6 pin male terminals for cable tree FSY	---
X20.1 ... 6	Screw terminals (0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> )	---
X20.1; X20.2	Alarm (Relay contact max. 30V AC, 40 V DC, 2 A)	---
X20.3 ... 6	Redundant power feed 24 V DC (21 V .. 30 V) (3/4 = PW1/L+/L-) (5/6 = PW2/L+/L-)	---
F1, F2	Fuse (5 mm x 20 mm/T2 A)	---
F100, F101	Fuse (5 mm x 20 mm/T100mA)	---
PW1, PW2, FF1, FF2	LEDs for power and power failure	---

Motherboards name and part numbers according installed KF- module type							
KF-Module type (function)		Motherboard without KF-Module		KF-Module type (function)		Motherboard without KF-Module	
Type	F.	Name	Type	F.	Name	Type	F.
KFD2-SL2-Ex2	DO	MB-C3-DO32-AKB-131972	---	---	---	---	---
KFD2-SL2-Ex2.B *)	DO		---	---	---	---	---

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

LM Alarm = Line monitoring

\*) No LM on this module

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

**Supplementary information**  
 EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity and instructions have to be observed. For information see [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).

16.03.04	Bro	vB	Sb/vB	
Date	S TD	Off. in ch.	contr. techn.	contr. Norm
Dept.: PA-PG-IF	No. <b>36-7612E</b>			
Up date: 22.09.10	HB	Replaces: 123874 / 36-7519	127731 / 36-7584	Sheet 1
MB-16U5L	Scale:	1 : 2	of 3	

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Motherboard unit  
 Digital Output  
 32 channels - LB/SC mon. - red.  
**MB-C3-DO32-AKB-...**

Field	Module	FSY-	X0.	Y1	X1B	X1A	Ch.	Module and cable types
	1		4 5 6	1 2 3 61 62 63		50 50 48	OUT1 OUT2	<b>DO Module type:</b> KFD2-SL2-Ex2 <b>FSY- Cable type:</b> FSY-L456-98837  KF-Module terminal no.:
	2		4 5 6	4 5 6 64 65 66		46 46 44	OUT3 OUT4	<b>DO Module type:</b> KFD2-SL2-Ex2.B <b>FSY- Cable type:</b> FSY-L456-98837  KF-Module terminal no.:
	3		4 5 6	7 8 9 67 68 69		42 42 40	OUT5 OUT6	
	4		4 5 6	10 11 12 70 71 72		38 38 36	OUT7 OUT8	
	5		4 5 6	13 14 15 73 74 75		34 34 32	OUT9 OUT10	
	6		4 5 6	16 17 18 76 77 78		30 30 28	OUT11 OUT12	
	7		4 5 6	19 20 21 79 80 81		26 26 24	OUT13 OUT14	
	8		4 5 6	22 23 24 82 83 84		22 22 20	OUT15 OUT16	

		18.02.04	Bro	vB	Sb/vB	
Date	S	TD	Off. in ch.	contr. techn.	contr. Norm	
		Motherboard unit Digital Output 32 channels - LB/SC mon. - red. <b>MB-C3-DO32-AKB...</b>		Dept.: PA-PG-IF HB Up date: 22.09.10 MB-16U5L		
		No. <b>36-7612E</b> Replaces: 123874 / 36-7519 127731 / 36-7584		Sheet 2 Scale: -:- of 3		

