

Electrical diagrams

Electrical diagram with circuit S0 (zener diode) for:

CORDSET

CABLE

DIN

M12-PIN 1

N/U

M12-PIN 2

N/U

M12-PIN 4

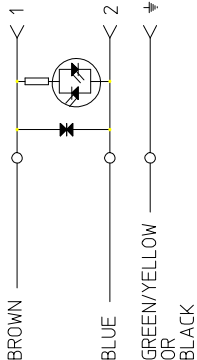
BROWN

M12-PIN 3

BLUE

M12-PIN 5

GREEN/YELLOW
OR
BLACK



Electrical diagram with circuit C4 (VDR) for:

CORDSET

CABLE

DIN

M12-PIN 1

N/U

M12-PIN 2

N/U

M12-PIN 4

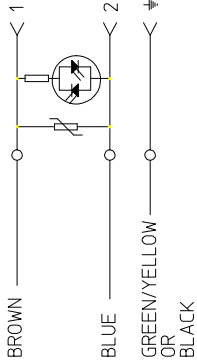
BROWN

M12-PIN 3

BLUE

M12-PIN 5

GREEN/YELLOW
OR
BLACK



Cable type

Cable Type	Jacket Material	Jacket Color	Wire cross section	Braid
A23	PVC	Black	0.75mm²	n0
A58	PVC	Black	20AWG	n0
B08	PUR	Yellow	18AWG	n0
E03	PVC	Black	0.34mm²	n0
E12	PVC	Black	0.5mm²	n0
I12	CEI PVC	Grey	0.5mm²	n0
P12	PUR	Black	0.5mm²	n0
P82	PUR IRR	Orange	0.34mm²	n0
S26	PVC	Yellow	0.34mm²	yes
B31	PUR	Black	0.5mm²	n0

ADD CABLE B31	DRWN: JMARSZALEK 2013/11/07	EC NO: IPG2014-0850	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	FIRST ANGLE PROJECTION
DESCRIPTION	CH:D:MSZWAJKOWSKI 2013/11/07	APPR:MIWASIECZKO 2013/11/08	4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± --- 1 PLACE ± --- 0 PLACE ± --- ANGULAR ± ---°	mm ± --- INCH ± --- 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± --- 1 PLACE ± --- 0 PLACE ± --- ANGULAR ± ---°	MM ONLY DRAWN BY: JMARSZALEK 2012/11/08 CHECKED BY: MSZWAJKOWSKI 2012/11/08 APPROVED BY: MIWASIECZKO 2013/11/08	1:1	METRIC	
REV	B		DESCRIPTION					
ADD CABLE B31				F85XXXXXXXXXX DIN B IND + CORDSETS M12				
MATERIAL NO. SEE SHEET 3				DOCUMENT NO. SD-121036-002				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NO. 2 OF 3				
SIZE A3				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

PART LIST

Pos.	Mol. ex. PN.	Engineering No.:
1	1210350196	F85000E12M050
2	1210350197	F85000E12M060
3	1210350216	F85001E12M060
4	1210350217	F85001E12M030
5	1210350286	F85000P12M006
6	1210350287	F85000P12M010
7	1210350288	F85000P12M020
8	1210350303	F85000E12M006
9	1210350312	F85000E12M030
10	1210350332	F85000E12M003
11	1210350344	F85000P12M011
12	1210350345	F85000P12M009
13	1210350346	F85000P12M012
14	1210350347	F85000P12M013
15	1210360247	F850A3P12M010
16	1210360248	F850A3P12M040
17	1210360251	F85080112M006
18	1210360252	F85080112M010
19	1210360255	F85080P12M010
20	1210360256	F85080P12M020
21	1210360257	F85080P12M030
22	1210360352	F85080P12M006
23	1210360398	F85081P12M020
24	1210360437	F85081E10M010
25	1210360461	F85080P12M050
26	1210360462	F85081P12M006
27	1210360463	F85081P12M010
28	1210360464	F85000P12M010
29	1210360499	F85081P8M010
30	1210360502	F850A0A58M030
31	1210360503	F850A0A58M050
32	1210360504	F850A0A58M100
33	1210360505	F85082P12M006
34	1210360506	F85082P12M010
35	1210360545	F85080E12M010
37	1210360561	F85082E12M010
38	1210360571	F85080P8M0107
39	1210360603	F85080A58M020
40	1210360605	F85080E12M020

Pos.:	Malex PN:	Engineering No.:
41	1210360606	F850B1E12M010
42	1210360607	F850B1P12M003
43	1210360608	F850B1P12M008
44	1210360609	F850B1P12M070
45	1210360660	F850B0A58M006
46	1210360661	F850B0A58M015
47	1210360662	F850B0830M050
48	1210360671	F850A0A58M100
49	1210360673	F850B0P82M015
50	1210360674	F850B0E12M050
51	1210360690	F850A0A58M005
52	1210360691	F850B0A58M010
53	1210360693	F850B0A58M030
54	1210360728	F850B0A23M010
55	1210360740	F850A3A58M050
56	1210360741	F850B1A58M100
57	1210360759	F850B0P82M005
58	1210360763	F850A0A58M070
59	1210360790	F85000P12M006
60	1210360791	F85000P12M020
61	1210360800	F850A0P12M006
62	1210360801	F850C0P12M006
63	1210360802	F850A0P12M010
64	1210360803	F850A0P12M010
65	1210360804	F850A0P12M020
66	1210360805	F850C0P12M020
67	1210360806	F850B1P12M0087
68	1210360809	F850B0112M0220
69	1210360810	F850B1P82M0087
70	1210360811	F850B1P82M0067
71	1210360818	F850B0112M010Y
72	1210360820	F850B0112M020Y
73	1210360822	F850B0P12M015
74	1210360823	F850B2P12M015
75	1210360824	F850B2P12M030
76	1210360839	F850B0P82M0067
77	1210360840	F850B0P82M0067Y
78	1210360860	F850B0P12M010H
79	1210360863	F850B1P12M015
80	1210360865	F850B0P12M020H

Pos.	Molex PN.	Engineering No.:
81	1210360901	F85080B31M006
82	1210360902	F85080B31M010
83	1210360903	F85080B31M015
84	1210360904	F85080B31M030
85	1210360905	F85080B2B31M006
86	1210360906	F85080B2B31M010
87	1210360907	F85080B2B31M015
88	1210360908	F85080B2B31M030
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ADD NEW P/NS EC NO: IFG2014-0850		B	REV	DESCRIPTION					
CH/KD:MSZWAJKOWSKI 2013/11/07 CH/KD:MIWASIECZKO 2013/11/07 APPR:MIWASIECZKO 2013/11/08									
QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS		FIRST ANGLE PROJECTION
						1:1	METRIC		
▲=0		mm INCH		MM ONLY		TITLE		F85XXXXXXX DIN B IND + CORDSETS M12	
▽=0		4 PLACES ± --- ± ---		DRAWN BY JMWARSZALEK 2012/11/08					
		3 PLACES ± --- ± ---		CHECKED BY MSZWAJKOWSKI 2012/11/08					
		2 PLACES ± --- ± ---		APPROVED BY MIWASIECZKO 2013/11/08					
		1 PLACE ± --- ± ---							
		0 PLACE ± --- ± ---							
		ANGULAR ± --- °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-121036-002		3 OF 3	
				SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX A3 INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
6	5	4	3	2	1				