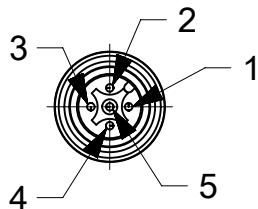
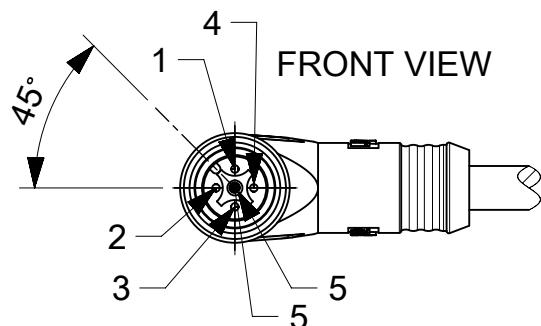
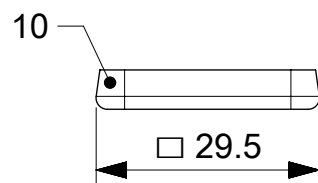
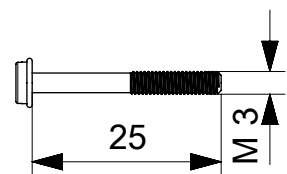


FRONT VIEW



STANDARD  
SCREW & GASKET  
Index of protection: IP65



BILL OF MATERIALS

|      |      |                             |
|------|------|-----------------------------|
| 14   | 0/2  | I/D CARRIER                 |
| 13   | 0/1  | LABEL PLASTIC               |
| 12   | 0/1  | WASHER                      |
| 11   | 0/1  | PCB                         |
| 10   | 1    | GASKET                      |
| 9    | 1    | SCREW                       |
| 8    | 4    | CONTACT DIN                 |
| 7    | 1    | INSERT DIN A                |
| 6    | -    | MOULDING MATERIAL BLACK PP  |
| 5    | 5    | CONTACT MALE                |
| 4    | 1    | M12 COUPLING NUT MALE       |
| 3    | 1    | M12 INSERT 5P MALE          |
| 2    | -    | MOULDING MATERIAL BLACK TPU |
| 1    | -    | CABLE                       |
| ITEM | QTY. | DESCRIPTION                 |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2024/04/05 | 09:07:10 |
|-----------------|----|--------------|------------|----------|

L + Tolerance (see Table on sheet 3)

50 REF

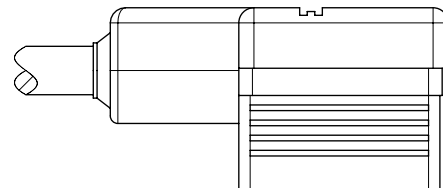
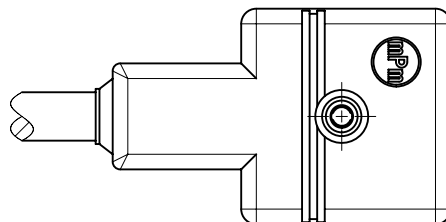
Label

L + Tolerance (see Table on sheet 3)

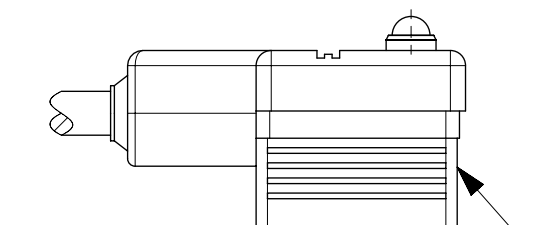
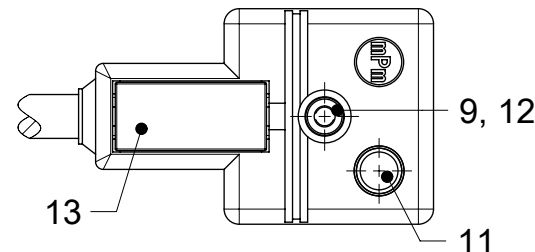
50 REF REF

Label

DIN Connector views  
for PN without LED



DIN Connector views  
for PN with LED

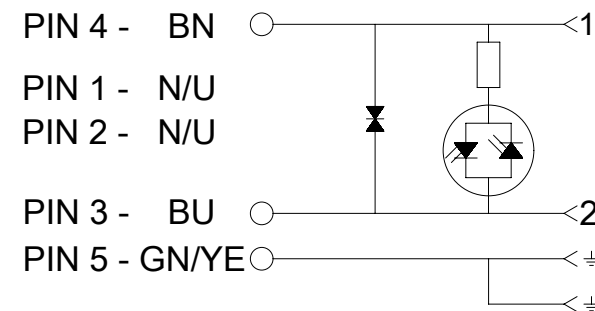


Electrical diagram printed in white

ELECTRICAL DIAGRAMS

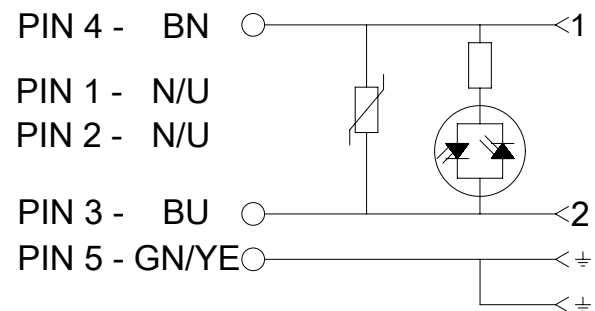
M12

DIN S0



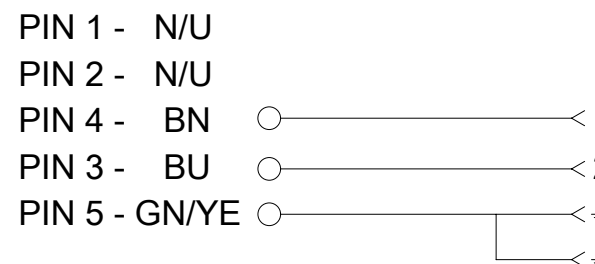
M12

DIN C4



M12

DIN



|                                                      |                                                                                                                                               |                 |                                                                   |         |                                      |                 |                        |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------|---------|--------------------------------------|-----------------|------------------------|
| FUNCTIONAL SYMBOLS                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 | CURRENT REV DESC: RETRACTED DOCUMENT                              |         | <b>molex</b>                         |                 |                        |
|                                                      | DIMENSION UNITS                                                                                                                               | SCALE           |                                                                   |         |                                      |                 |                        |
| $\frac{F}{A} = 0$                                    | mm                                                                                                                                            | 1:1             | GENERAL TOLERANCES (UNLESS SPECIFIED)                             |         | E850 DIN A / MMC 5P MM               |                 |                        |
| $\frac{F}{E} = 0$                                    |                                                                                                                                               |                 |                                                                   |         |                                      |                 |                        |
| $\frac{F}{E} = 0$                                    | ANGULAR TOL                                                                                                                                   | $\pm 1.0^\circ$ | 4 PLACES $\pm$                                                    |         | PRODUCT CUSTOMER DRAWING             |                 |                        |
|                                                      |                                                                                                                                               |                 |                                                                   |         |                                      |                 |                        |
| DIVISIONAL SYMBOLS                                   | 3 PLACES $\pm$                                                                                                                                |                 | EC NO: 782067<br>DRWN: VISHAH2<br>CHK'D: RSILLER<br>APPR: RSILLER |         | DOCUMENT NUMBER<br><b>1210350367</b> |                 |                        |
|                                                      | 2 PLACES $\pm 0.05$                                                                                                                           |                 |                                                                   |         |                                      |                 |                        |
|                                                      | 1 PLACE $\pm 0.3$                                                                                                                             |                 | INITIAL REVISION:<br>DRWN: APAWLAK01<br>APPR: RSILLER             |         | DOC TYPE<br>PSD                      |                 |                        |
|                                                      | 0 PLACES $\pm 0.5$                                                                                                                            |                 |                                                                   |         |                                      |                 |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                                                                                                                                               |                 | THIRD ANGLE PROJECTION                                            | DRAWING | SERIES                               | MATERIAL NUMBER | CUSTOMER               |
|                                                      |                                                                                                                                               |                 |                                                                   | A3-SIZE | 121035                               | SEE SHEET 3     | GENERAL MARKET         |
|                                                      |                                                                                                                                               |                 |                                                                   |         |                                      |                 | SHEET NUMBER<br>1 OF 3 |

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

OPTIONS

E850XXXXXX

E=Form A  
(18mm  
contact  
spacing)

8=MMC M12  
Connector

5=5 Poles

0=Default Standard Wiring

Electrical configuration:  
0 = Without circuit  
A = S0 24V Yellow LED  
B = C4 24V Yellow LED  
C = S0 110V Yellow LED  
D = C4 110V Yellow LED  
E = S0 24V Green LED  
F = C4 24V Green LED  
G = S0 110V Green LED  
H = C4 110V Green LED  
J = S0 24V Red LED  
K = C4 24V Red LED  
L = S0 110V Red LED  
M = C4 110V Red LED  
S = C4 230V Yellow LED

DIN Earth Position - o'clock &  
M12 connector body:  
0 = Earth H6/H12, Male Straight  
2 = Earth H6/H12, Male Right Angle

Cable type:  
See Table

Units:  
M=Meter

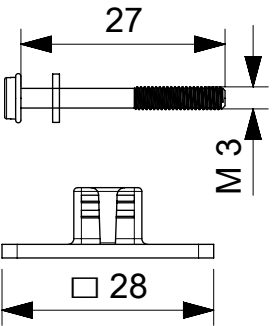
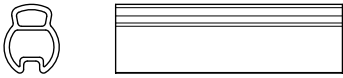
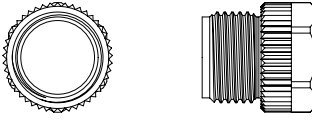
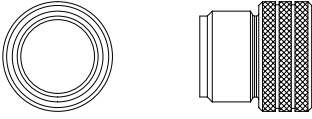
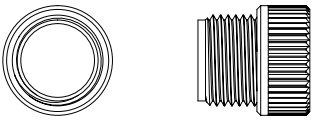
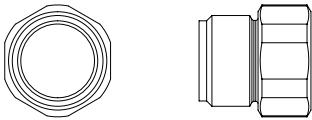
Length  
Examples:  
005=0.5 units  
010=1 units  
100=10 units

Overmold color:  
Blank (Standard)=Black  
A=Grey / G=Black / Y=Yellow

Coupling Nut:  
Blank (Standard)=Knurled Brass Ni Plated  
1=Hexagonal Stainless steel  
5=Knurled Derlin  
7=Knurled Brass Ni Plated, Teflon Coated  
9=Knurled / Hexagonal Brass Ni Plated

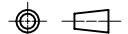
H= 2 pcs. of I/D Carrier PVC Transparent  
(Cables lxx & P82 always with  
2 pcs. I/D Carrier)

R= NBR Integrated Gasket & Screw (IP67)



| CABLE TYPE | NO. OF WIRES | CROSS SECTION       | CABLE JACKET   | UL       | CSA                   | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | SHIELD |
|------------|--------------|---------------------|----------------|----------|-----------------------|--------------------------------|---------------------------------|--------|
| A23        | 3            | 0.75mm <sup>2</sup> | PVC BLACK      | -        | -                     | -20°C to +70°C, 3xO.D.         | -15°C to +70°C, 5xO.D.          | -      |
| A58        | 3            | 20AWG               | PVC BLACK      | UL 2661  | C22.2 II A 105°C/300V | -30°C to +105°C, 10xO.D.       | -5°C to +105°C, 15xO.D.         | -      |
| B08        | 3            | 18AWG               | PUR YELLOW     | UL 20668 | C22.2 II A 90°C/300V  | -                              | -                               | -      |
| B31        | 3            | 0.50mm <sup>2</sup> | WSOR BLACK     | UL 21215 | -                     | -                              | -25°C to +80°C, 7.5xO.D.        | -      |
| E12        | 3            | 0.50mm <sup>2</sup> | PVC BLACK      | -        | -                     | -20°C to +70°C, 3xO.D.         | -15°C to +70°C, 5xO.D.          | -      |
| I12        | 3            | 0.50mm <sup>2</sup> | CEI PVC GREY   | -        | -                     | -25°C to +70°C, 10xO.D.        | -5°C to +70°C, 15xO.D.          | -      |
| P12        | 3            | 0.50mm <sup>2</sup> | PUR BLACK      | -        | -                     | -40°C to +90°C, 7.5xO.D.       | -15°C to +90°C, 12.5xO.D.       | -      |
| P82        | 3            | 0.34mm <sup>2</sup> | PUR IRR ORANGE | -        | -                     | -50°C to +105°C, 5xO.D.        | -40°C to +105°C, 7.5xO.D.       | -      |

| Table of length tolerances [mm] |                     |           |
|---------------------------------|---------------------|-----------|
| Over                            | Up to and including | Tolerance |
| 0                               | 1000                | ±20       |
| 1000                            | 3000                | ±30       |
| 3000                            | 5000                | ±40       |
| 5000                            | 10000               | ±50       |
| 10000                           | 15000               | ±100      |
| 15000                           | 20000               | ±150      |
| 20000                           |                     | ±L/100    |

|                                                                                                                                               |  |                                                      |  |                                                                                       |  |                                      |  |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------|--|----------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                      |  |                                                                                       |  |                                      |  |                |  |
| FUNCTIONAL SYMBOLS                                                                                                                            |  | DIMENSION UNITS                                      |  | SCALE                                                                                 |  | CURRENT REV DESC: RETRACTED DOCUMENT |  |                |  |
| E = 0                                                                                                                                         |  | mm                                                   |  | 1:1                                                                                   |  | molex                                |  |                |  |
| E = 0                                                                                                                                         |  | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  |                                                                                       |  |                                      |  |                |  |
| E = 0                                                                                                                                         |  | ANGULAR TOL ± 1.0 °                                  |  |                                                                                       |  |                                      |  |                |  |
| DIVISIONAL SYMBOLS                                                                                                                            |  | 4 PLACES                                             |  | ±                                                                                     |  | EC NO: 782067                        |  |                |  |
|                                                                                                                                               |  | 3 PLACES                                             |  | ±                                                                                     |  | DRWN: VISHAH2 2024/03/26             |  |                |  |
|                                                                                                                                               |  | 2 PLACES                                             |  | ± 0.05                                                                                |  | CHK'D: RSILLER 2024/04/05            |  |                |  |
|                                                                                                                                               |  | 1 PLACE                                              |  | ± 0.3                                                                                 |  | APPR: RSILLER 2024/04/05             |  |                |  |
|                                                                                                                                               |  | 0 PLACES                                             |  | ± 0.5                                                                                 |  | INITIAL REVISION:                    |  |                |  |
|                                                                                                                                               |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | THIRD ANGLE PROJECTION                                                                |  | DRAWING                              |  | SERIES         |  |
|                                                                                                                                               |  |                                                      |  |  |  | A3-SIZE                              |  | 121035         |  |
|                                                                                                                                               |  |                                                      |  |                                                                                       |  | MATERIAL NUMBER                      |  | CUSTOMER       |  |
|                                                                                                                                               |  |                                                      |  |                                                                                       |  | SEE SHEET 3                          |  | GENERAL MARKET |  |
|                                                                                                                                               |  |                                                      |  |                                                                                       |  |                                      |  | SHEET NUMBER   |  |
|                                                                                                                                               |  |                                                      |  |                                                                                       |  |                                      |  | 2 OF 3         |  |
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7

6

5

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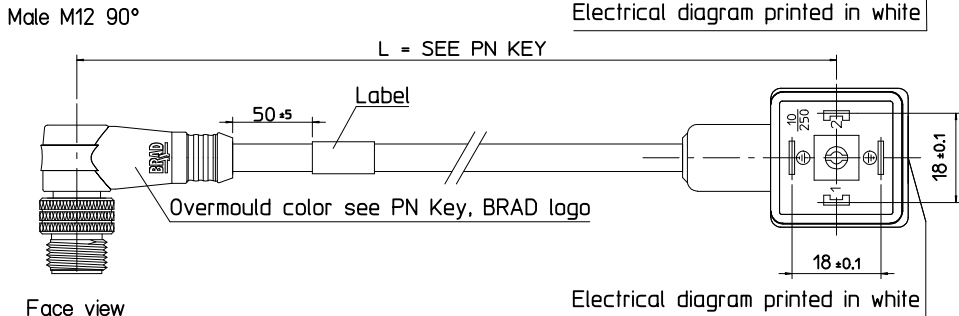
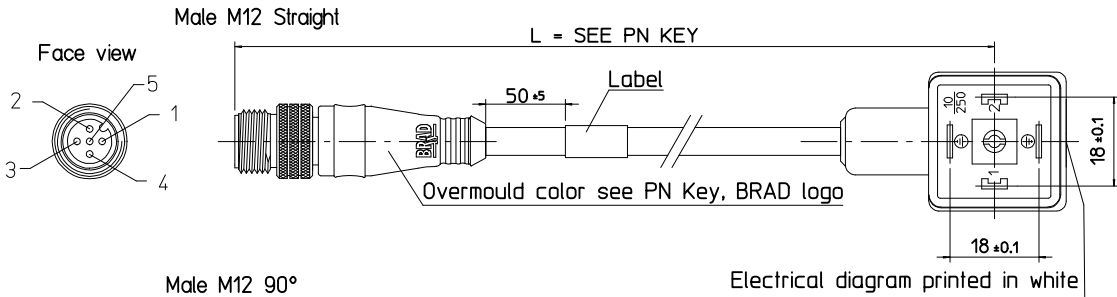
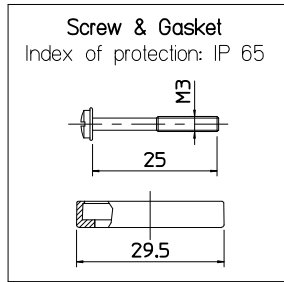
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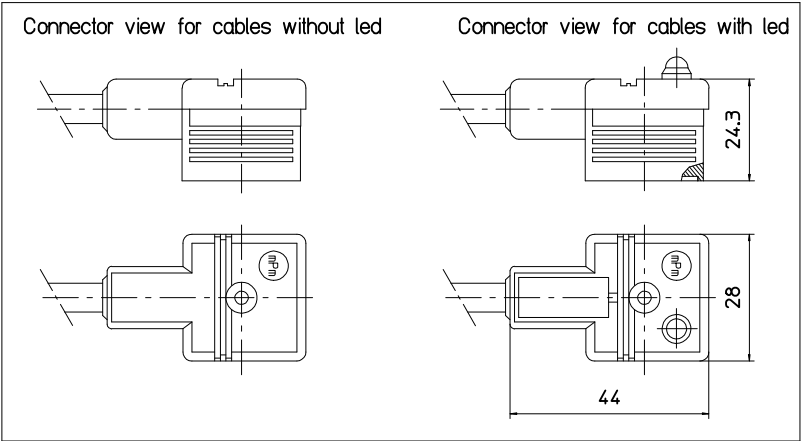
| Table of lenght tolerances [mm] |                     |           |
|---------------------------------|---------------------|-----------|
| Over                            | Up to and including | Tolerance |
| 0                               | 1000                | ±20       |
| 1000                            | 3000                | ±30       |
| 3000                            | 5000                | ±40       |
| 5000                            | 10000               | ±50       |
| 10000                           | 15000               | ±100      |
| 15000                           | 20000               | ±150      |
| 20000                           |                     | ±L/100    |



PART No MATRIX - PN Key

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 8 | 5 | X | X | X | X | X | X | X | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

E = Form A (18mm contact spacing)  
8 = MMC Single Keyway  
5 = 5 Pole  
Wiring details:  
0 = Positive Switching (pin 3&4)  
1 = Negative Switching (pin 1&4)  
Electrical configurations:  
0 = Without LED/Without circuit  
A = S0 24V Yellow LED  
B = C4 24V Yellow LED  
C = S0 110V Yellow LED  
D = C4 110V Yellow LED  
E = S0 24V Green LED  
F = C4 24V Green LED  
G = S0 110V Green LED  
H = C4 110V Green LED  
J = S0 24V Red LED  
K = C4 24V Red LED  
L = S0 110V Red LED  
M = C4 110V Red LED  
S = C4 230V Yellow LED  
XXX = Cable Type  
M = Metres  
F = Feet  
Length:  
020-2 Meters  
050-5 Meters  
200-20 Meters  
H/H/D Carrier  
M12 Overmoulding color:  
Blank=Black Standard  
Y=Yellow  
A=Grey  
Coupling Nut Material:  
Blank=Standard  
1=Stainless Steel  
5=Detrin  
7=Teflon coat  
DIN Earth Position - o'clock & M12 connector body:  
0 = Earth H6/H12, MALE Straight  
2 = Earth H6/H12, MALE 90°



|                                                                                                                                     |                               |                                                      |  |                            |                    |                                                                                                                               |                               |                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|--|----------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------|--|
| ADD CABLE B31<br>EC NO: IPG2014-0850<br>DRWN: JMARZALEK 2013/06/20<br>CHKD: MSZWAJKOWSKI 2013/11/07<br>APPR: MIWASIECZKO 2013/11/08 | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE<br>MM ONLY |                    | SCALE                                                                                                                         | DESIGN UNITS<br>METRIC        | FIRST ANGLE PROJECTION |  |
|                                                                                                                                     |                               |                                                      |  | DRAWN BY<br>JMARZALEK      | DATE<br>2012/11/08 | TITLE<br>E85XXXXXXXXXX<br>DIN A + CORDSETS M12                                                                                | DOCUMENT NO.<br>SD-121036-001 |                        |  |
|                                                                                                                                     |                               |                                                      |  | CHECKED BY<br>MSZWAJKOWSKI | DATE<br>2012/11/08 |                                                                                                                               |                               |                        |  |
|                                                                                                                                     |                               |                                                      |  | APPROVED BY<br>MIWASIECZKO | DATE<br>2012/11/09 |                                                                                                                               |                               |                        |  |
| C                                                                                                                                   | REV                           | ANGULAR ±---°                                        |  | MATERIAL NO.               |                    | SHEET NO.<br>1 OF 3                                                                                                           |                               | A                      |  |
|                                                                                                                                     |                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | SEE SHEET 3                |                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                               |                        |  |
|                                                                                                                                     |                               |                                                      |  | SIZE<br>A3                 |                    |                                                                                                                               |                               |                        |  |

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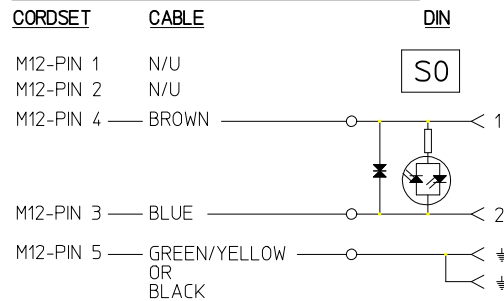
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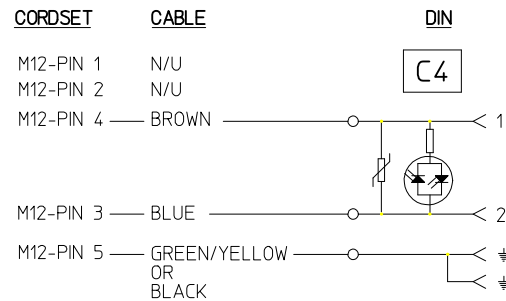
1

## Electrical diagrams

Electrical diagram with circuit S0 (zener diode) for:



Electrical diagram with circuit C4 (VDR) for:



## Cable type

| Cable Type | Jacket Material | Jacket Color | Wire cross section  | Braid |
|------------|-----------------|--------------|---------------------|-------|
| A23        | PVC             | Black        | 0.75mm <sup>2</sup> | no    |
| A58        | PVC             | Black        | 20AWG               | no    |
| B08        | PUR             | Yellow       | 18AWG               | no    |
| E03        | PVC             | Black        | 0.34mm <sup>2</sup> | no    |
| E12        | PVC             | Black        | 0.5mm <sup>2</sup>  | no    |
| I12        | CEI PVC         | Grey         | 0.5mm <sup>2</sup>  | no    |
| P12        | PUR             | Black        | 0.5mm <sup>2</sup>  | no    |
| P82        | PUR IRR         | Orange       | 0.34mm <sup>2</sup> | no    |
| S26        | PVC             | Yellow       | 0.34mm <sup>2</sup> | yes   |
| B31        | PUR             | Black        | 0.5mm <sup>2</sup>  | no    |

|                                                                                                                                      |             |                                   |                                                            |       |                            |                                                                                                                                  |                    |                                                |                               |                     |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|------------------------------------------------------------|-------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------|-------------------------------|---------------------|--|--|
| ADD CABLE B31<br>EC NO: IPG2014-0850<br>DRWN: JMARSZALEK 2013/06/20<br>CHKD: MSZWAJKOWSKI 2013/11/07<br>APPR: MIWASIECZKO 2013/11/08 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>MM ONLY |                                                                                                                                  | SCALE<br>1:1       | DESIGN UNITS<br>METRIC                         | FIRST ANGLE PROJECTION        |                     |  |  |
|                                                                                                                                      |             |                                   |                                                            | mm    | INCH                       | DRAWN BY<br>JMARSZALEK                                                                                                           | DATE<br>2012/11/08 | TITLE<br>E85XXXXXXXXXX<br>DIN A + CORDSETS M12 |                               |                     |  |  |
|                                                                                                                                      |             |                                   | 4 PLACES                                                   | ± --- | ± ---                      | CHECKED BY                                                                                                                       | DATE               |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   | 3 PLACES                                                   | ± --- | ± ---                      | MSZWAJKOWSKI                                                                                                                     | 2012/11/08         | molex                                          | DOCUMENT NO.<br>SD-121036-001 | SHEET NO.<br>2 OF 3 |  |  |
|                                                                                                                                      |             |                                   | 2 PLACES                                                   | ± --- | ± ---                      | APPROVED BY<br>MIWASIECZKO 2012/11/09                                                                                            |                    |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   | 1 PLACE                                                    | ± --- | ± ---                      | MATERIAL NO.                                                                                                                     |                    |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   | 0 PLACE                                                    | ± --- | ± ---                      | SIZE<br>A3                                                                                                                       |                    |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   | ANGULAR ±---°                                              |       |                            | SEE SHEET 3                                                                                                                      |                    |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   | REV                                                        |       |                            |                                                                                                                                  |                    |                                                |                               |                     |  |  |
|                                                                                                                                      |             |                                   |                                                            |       |                            |                                                                                                                                  |                    |                                                |                               |                     |  |  |

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PART LIST

| Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN:  | Engineering No.: | Pos. | Molex PN: | Engineering No.: |
|------|------------|------------------|------|------------|------------------|------|------------|------------------|------|------------|------------------|------|-----------|------------------|
| 1    | 1210350133 | E85000P12M006    | 41   | 1210360356 | E850B0P12M030    | 81   | 1210360678 | E850B2E12M003    | 121  | 1210360893 | E850B0B31M006    | 161  |           |                  |
| 2    | 1210350148 | E85000P12M020    | 42   | 1210360399 | E850B0P12M003    | 82   | 1210360686 | E850A2A58M010    | 122  | 1210360894 | E850B0B31M010    | 162  |           |                  |
| 3    | 1210350156 | E85000P12M010    | 43   | 1210360453 | E850B0P12M012    | 83   | 1210360694 | E850A0A58M006    | 123  | 1210360895 | E850B0B31M015    | 163  |           |                  |
| 4    | 1210350157 | E85000P12M030    | 44   | 1210360454 | E850B0P12M013    | 84   | 1210360696 | E85002E12M003    | 124  | 1210360896 | E850B0B31M030    | 164  |           |                  |
| 5    | 1210350201 | E85000E12M010    | 45   | 1210360455 | E850B0P12M014    | 85   | 1210360708 | E850B0A23M030    | 125  | 1210360897 | E850B2B31M006    | 165  |           |                  |
| 6    | 1210350202 | E85002P12M015    | 46   | 1210360456 | E850B0P12M017    | 86   | 1210360719 | E850B2A23M017    | 126  | 1210360898 | E850B2B31M010    | 166  |           |                  |
| 7    | 1210350207 | E85000E12M003    | 47   | 1210360457 | E850B2P12M005    | 87   | 1210360725 | E850D0A23M030    | 127  | 1210360899 | E850B2B31M015    | 167  |           |                  |
| 8    | 1210350208 | E85000E12M006    | 48   | 1210360458 | E850D0P12M010    | 88   | 1210360743 | E850B2I12M006    | 128  | 1210360900 | E850B2B31M030    | 168  |           |                  |
| 9    | 1210350209 | E85000P12M003    | 49   | 1210360491 | E850A0A58M010    | 89   | 1210360745 | E850B0I12M006    | 129  | 1210361900 | E850B0A23M015    | 169  |           |                  |
| 10   | 1210350210 | E85000P82M030    | 50   | 1210360492 | E850A0A58M015    | 90   | 1210360754 | E850A0A58M005    | 130  |            |                  | 170  |           |                  |
| 11   | 1210350242 | E85002E12M006    | 51   | 1210360493 | E850A0A58M030    | 91   | 1210360756 | E85002E12M030    | 131  |            |                  | 171  |           |                  |
| 12   | 1210350290 | E85000E12M030    | 52   | 1210360494 | E850A0A58M050    | 92   | 1210360771 | E850A0P12M030    | 132  |            |                  | 172  |           |                  |
| 13   | 1210350291 | E85000E12M050    | 53   | 1210360495 | E850A0A58M100    | 93   | 1210360772 | E850A0P12M040    | 133  |            |                  | 173  |           |                  |
| 14   | 1210350292 | E85000P12M100    | 54   | 1210360496 | E850B2B08M030    | 94   | 1210360773 | E850A0P12M100    | 134  |            |                  | 174  |           |                  |
| 15   | 1210350309 | E85002A23M020    | 55   | 1210360497 | E850B2P12M025G   | 95   | 1210360774 | E850A2P12M010    | 135  |            |                  | 175  |           |                  |
| 16   | 1210350310 | E85002A23M030    | 56   | 1210360542 | E850B0E12M0155   | 96   | 1210360775 | E850A2P12M015    | 136  |            |                  | 176  |           |                  |
| 17   | 1210350311 | E85002A23M040    | 57   | 1210360557 | E850B0E12M006    | 97   | 1210360776 | E850A2P12M020    | 137  |            |                  | 177  |           |                  |
| 18   | 1210350313 | E85000P12M017    | 58   | 1210360558 | E850B0E12M030    | 98   | 1210360788 | E850D0P12M006    | 138  |            |                  | 178  |           |                  |
| 19   | 1210350326 | E85000P12M050    | 59   | 1210360559 | E850B0E12M050    | 99   | 1210360789 | E850D0P12M020    | 139  |            |                  | 179  |           |                  |
| 20   | 1210350339 | E85002P12M020    | 60   | 1210360560 | E850B0P12M0201   | 100  | 1210360795 | E850A0P12M006    | 140  |            |                  | 180  |           |                  |
| 21   | 1210350348 | E85000P12M015    | 61   | 1210360574 | E850B0E12M020    | 101  | 1210360796 | E850C0P12M006    | 141  |            |                  | 181  |           |                  |
| 22   | 1210350349 | E85000P12M009    | 62   | 1210360576 | E850B2E12M010    | 102  | 1210360797 | E850A0P12M010    | 142  |            |                  | 182  |           |                  |
| 23   | 1210360178 | E850A0P12M020    | 63   | 1210360585 | E850A0A58M020    | 103  | 1210360798 | E850C0P12M010    | 143  |            |                  | 183  |           |                  |
| 24   | 1210360184 | E850B0I12M010    | 64   | 1210360586 | E850B0A58M020    | 104  | 1210360799 | E850C0P12M020    | 144  |            |                  | 184  |           |                  |
| 25   | 1210360186 | E850B0I12M020    | 65   | 1210360588 | E850B0B08M003    | 105  | 1210360813 | E850A0A58M007    | 145  |            |                  | 185  |           |                  |
| 26   | 1210360187 | E850B0I12M030    | 66   | 1210360589 | E850B0B08M010    | 106  | 1210360815 | E850B0I12M010Y   | 146  |            |                  | 186  |           |                  |
| 27   | 1210360192 | E850B0P12M006    | 67   | 1210360590 | E850B0B08M020    | 107  | 1210360816 | E850B0I12M020Y   | 147  |            |                  | 187  |           |                  |
| 28   | 1210360193 | E850B0P12M010    | 68   | 1210360593 | E850B0P12M040    | 108  | 1210360817 | E850B0I12M030Y   | 148  |            |                  | 188  |           |                  |
| 29   | 1210360194 | E850B0P12M015    | 69   | 1210360594 | E850B0P12M100    | 109  | 1210360819 | E850B0I12M006Y   | 149  |            |                  | 189  |           |                  |
| 30   | 1210360195 | E850B0P12M020    | 70   | 1210360595 | E850B0S26M010H   | 110  | 1210360821 | E850B2P12M015    | 150  |            |                  | 190  |           |                  |
| 31   | 1210360196 | E850B0P12M050    | 71   | 1210360596 | E850B2E12M006    | 111  | 1210360844 | E850B0P12M021    | 151  |            |                  | 191  |           |                  |
| 32   | 1210360198 | E850B0S26M015    | 72   | 1210360601 | E850K0E12M010    | 112  | 1210360845 | E850B0P12M024    | 152  |            |                  | 192  |           |                  |
| 33   | 1210360199 | E850B0S26M020    | 73   | 1210360627 | E850B0E12M010    | 113  | 1210360846 | E850B0P12M027    | 153  |            |                  | 193  |           |                  |
| 34   | 1210360203 | E850B2I12M010    | 74   | 1210360628 | E850B0S26M015H   | 114  | 1210360847 | E850B0P12M058    | 154  |            |                  | 194  |           |                  |
| 35   | 1210360206 | E850B2I12M050    | 75   | 1210360629 | E850B2P12M0105   | 115  | 1210360848 | E850B0P12M080    | 155  |            |                  | 195  |           |                  |
| 36   | 1210360208 | E850B2P12M006    | 76   | 1210360651 | E850B2P12M020H   | 116  | 1210360849 | E850B0P12M085    | 156  |            |                  | 196  |           |                  |
| 37   | 1210360209 | E850B2P12M010    | 77   | 1210360658 | E850B0A58M006    | 117  | 1210360850 | E850B0P12M090    | 157  |            |                  | 197  |           |                  |
| 38   | 1210360210 | E850B2P12M020    | 78   | 1210360659 | E850B0A58M015    | 118  | 1210360853 | E850B2P12M003    | 158  |            |                  | 198  |           |                  |
| 39   | 1210360211 | E850B2P12M030    | 79   | 1210360667 | E850A0A58M070    | 119  | 1210360857 | E850B0P12M010H   | 159  |            |                  | 199  |           |                  |
| 40   | 1210360212 | E850B2P12M050    | 80   | 1210360675 | E850C0A58M100    | 120  | 1210360858 | E850B0P12M020H   | 160  |            |                  | 200  |           |                  |

ADD NEW PN  
EC NO: IPG2014-0850  
DRWN: MARSZALEK 2013/06/20  
CHKD: MSZWAJKOWSKI 2013/11/07  
APPR: MIWASIECZKO 2013/11/08

QUALITY SYMBOLS  
▽=0  
◻=0

DESCRIPTION  
REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          |       |       |
|----------|-------|-------|
|          | mm    | INCH  |
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± --- | ± --- |
| 1 PLACE  | ± --- | ± --- |
| 0 PLACE  | ± --- | ± --- |

DIMENSION STYLE  
MM ONLY  
DRAWN BY DATE  
J.MARSZALEK 2012/11/08  
CHECKED BY DATE  
MSZWAJKOWSKI 2012/11/08  
APPROVED BY DATE  
MIWASIECZKO 2012/11/09

SCALE  
1:1  
TITLE  
E85XXXXXXXXXX  
DIN A + CORDSETS M12

DESIGN UNITS  
METRIC  
FIRST ANGLE PROJECTION

ANGULAR ±---°  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

SEE SHEET 3

MATERIAL NO.  
SD-121036-001

DOCUMENT NO.  
SD-121036-001

SHEET NO.  
3 OF 3

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