

PN KEY - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

E 1 5 3 X X X X X X X X

E - Packing without bags
W - Single Packing

Number of wires:
3 - 3 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in [cm]
Examples:
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
2 = Earth on H12
3 = Earth on H3
6 = Earth on H6
9 = Earth on H9

Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

| CABLE TYPE | NO. OF WIRES | CROSS SECTION | CABLE O.D. | CABLE JACKET | UL | CSA | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | SHIELD |
|------------|--------------|---------------------|-------------|--------------|----------|-----------|--------------------------------|---------------------------------|--------|
| A2 | 4 | AWG 20 | 6.2mm±0.25 | PVC BLACK | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D. | -5°C to +105°C, 15xO.D. | - |
| A3 | 4 | AWG 18 | 7.0mm+0.3/0 | PVC BLACK | UL 2661 | CSA C22.2 | -30°C to +105°C, 10xO.D. | -5°C to +105°C, 15xO.D. | - |
| B2 | 4 | AWG 20 | 6.3mm±0.2 | PUR BLACK | UL 20668 | CSA C22.2 | -40°C to +90°C, 5xO.D. | -25°C to +90°C, 10xO.D. | - |
| B3 | 4 | AWG 18 | 7.0mm±0.2 | PUR BLACK | UL 20668 | CSA C22.2 | -40°C to +90°C, 5xO.D. | -25°C to +90°C, 10xO.D. | - |
| D3 | 4 | 0.75mm ² | 7.45mm±0.85 | PVC GREY | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| I2 | 4 | 0.5mm ² | 6.5mm±0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| I3 | 4 | 0.75mm ² | 7.0mm±0.2 | PVC GREY | - | - | -25°C to +70°C, 10xO.D. | -5°C to +70°C, 15xO.D. | - |
| N2 | 4 | 0.5mm ² | 6.05mm±0.2 | PVC BLACK | - | - | -20°C to +70°C | +5°C to +70°C | - |
| N3 | 4 | 0.75mm ² | 7.45mm±0.85 | PVC BLACK | - | - | -20°C to +70°C, 3xO.D. | -15°C to +70°C, 5xO.D. | - |
| P2 | 4 | 0.5mm ² | 6.5mm±0.2 | PUR BLACK | - | - | -40°C to +90°C, 7.5xO.D. | -15°C to +90°C, 12.5xO.D. | - |
| P3 | 4 | 0.75mm ² | 6.9mm±0.1 | PUR BLACK | - | - | -40°C to +90°C | -15°C to +90°C, 10xO.D. | - |
| W3 | 4 | 0.75mm ² | 7.0mm | WSOR BLACK | - | - | - | -25°C to +80°C, 7.5xO.D. | - |
| W4 | 4 | 1mm ² | 7.6mm | WSOR BLACK | - | - | - | -25°C to +80°C, 7.5xO.D. | - |

Specification:
Current: max. 5A
Voltage: 250V
Contact Resistance: 15milliohms max.
Operating Temperature with:
NBR Gasket: -40°C +90°C
Silicone Gasket: -40°C +125°C

Notes:
1. Please see excel sheet 1210401500_PDP for currently configured part numbers.

| | | | | | | |
|---------|---|-------|--|-----------------|-----------------------------|--|
| SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: REVISED | | molex | |
| | DIMENSION UNITS | SCALE | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| | ▽ = 0 | mm | 1:1 | ANGULAR TOL ± ° | | STANDARD E153 DIN FORM A EN 175301-803 |
| | ▽ = 0 | | | 4 PLACES ± | | EC NO: 616147 |
| ▽ = 0 | | | 3 PLACES ± | | DRWN: MDHARMANTI 2019/04/17 | |
| ▽ = 0 | | | 2 PLACES ± | | CHK'D: RSILLER 2019/04/24 | |
| ▽ = 0 | | | 1 PLACE ± | | APPR: RSILLER 2019/04/24 | |
| ▽ = 0 | | | 0 PLACES ± | | INITIAL REVISION: | |
| □ = 0 | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRWN: APAWLAK01 2018/05/24 | |
| □ = 0 | | | THIRD ANGLE PROJECTION | | APPR: RSILLER 2018/09/07 | |
| □ = 0 | | | DRAWING | | DOCUMENT NUMBER | |
| | | | SERIES | | DOC TYPE | |
| | | | MATERIAL NUMBER | | DOC PART | |
| | | | CUSTOMER | | REVISION | |
| | | | SHEET NUMBER | | | |
| | | | A3-SIZE | | 121040 | |
| | | | SEE 1210401500 PDP | | PSD 000 A1 | |
| | | | GENERAL MARKET | | 2 OF 2 | |