

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	0.75mm²	7.45mm±0.85	PVC GREY	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
I2	4	0.5mm²	6.5mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I3	4	0.75mm²	7.0mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	4	0.5mm²	6.05mm±0.2	PVC BLACK	-	-	-20°C to +70°C	+5°C to +70°C	-
N3	4	0.75mm²	7.45mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P2	4	0.5mm²	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	4	0.75mm²	6.9mm±0.1	PUR BLACK	-	-	-40°C to +90°C	-15°C to +90°C, 10xO.D.	-
W3	4	0.75mm²	7.0mm	WSOR BLACK	-	-	-	-25°C to +80°C, 7.5xO.D.	-
W4	4	1mm²	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

▽ = 0

▽ = 0

▽ = 0

▽ = 0

▼ = 0

▽ = 0

⊠ = 0

■ = 0

▽ = 0

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DIMENSION UNITS

mm

SCALE

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISED

EC NO: 616147

DRWN: MDHARMANTI 2019/04/17

CHK'D: RSILLER 2019/04/24

APPR: RSILLER 2019/04/24

INITIAL REVISION:

DRWN: APAWLAK01 2018/05/24

APPR: RSILLER 2018/09/07

THIRD ANGLE PROJECTION

DRAWING

SERIES

A3-SIZE

121040

molex

STANDARD E153 DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1210401500

DOC TYPE

PSD

DOC PART

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REVISION

A1

MATERIAL NUMBER

SEE 1210401500 PDP

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/24	13:39:51
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10

9

8

7

6

5

4

3

2

1