

WIRING CONFIGURATION		
E331XXXXXXXX	BROWN BLUE	1 2
E332XXXXXXXX	BROWN BLUE GREEN/YELLOW	1 2 ⊕
E333XXXXXXXX	BROWN BLUE BLACK GREEN/YELLOW	1 2 3 ⊕

INSERT ORIENTATION	
2 POLES + 2 EART ON H6/H12	
E33XXXXXXXX1X └── 1 OR 2	
2 POLES + 1 EART ON H12	
E33XXXXXXXX2X └── 1 OR 2	
2 POLES + 1 EART ON H6	
E33XXXXXXXX6X └── 1 OR 2	
3 POLES + 1 EART ON H12	
E333XXXXXXXX2X	
3 POLES + 1 EART ON H6	
E333XXXXXXXX6X	

TYPES OF SCREWS AND GASKETS		
Flat Gasket	Profiled Gasket	Screw M3x20
(2) (15.8)	(4) (18)	Screw M3x20
		NBR Washer

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DIMENSION UNITS	SCALE	CURRENT REV DESC: OBSOLETE PART NUMBER		<b>molex</b>	
mm	2:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 650268		E33XXXXXXXXX DIN FORM MICRO	
ANGULAR TOL ± °		DRWN: SUGEEB 2020/10/29		PRODUCT CUSTOMER DRAWING	
4 PLACES ±		CHK'D: GGA 2020/12/18		DOCUMENT NUMBER	
3 PLACES ±		APPR: GGA 2020/12/18		SD-121040-001	
2 PLACES ±		INITIAL REVISION:		DOC TYPE DOC PART REVISION	
1 PLACE ±		DRWN: MLEVYTSKY 2010/02/09		PSD 001 C1	
0 PLACES ±		APPR: MDYSZEWSKA 2012/01/11		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3-SIZE	121040	CUSTOMER
					GENERAL MARKET
					1 OF 3

# PART NO MATRIX :

**E 3 3 X X X X X X X X X**

E - Packing without bag

Number of wires:  
1- 2 Wires  
2- 2 Wires + Earth  
3- 3 Wires + Earth

Cable type:  
See Cable List

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


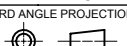
Cable Length [cm]:  
050 = 50cm  
300 = 300cm  
10K = 1000cm

Type of Gasket and Screw (see sheet 1) :  
1 = NBR Profile Gasket + Fixing Screw (M3x20mm)  
2 = NBR Flat Gasket + Fixing Screw (M3x20mm)  
3 = Silicone Profile Gasket + Fixing Screw (M3x20mm)  
4 = Silicone Flat Gasket + Fixing Screw (M3x20mm)  
T = NBR Profile Gasket + Fixing Screw with Washer (M3x20mm)

Earth PIN location (see insert orientation table):  
1 = Double Earth on H6 & H12  
2 = Earth on H12  
6 = Earth on H6

## CABLE LIST

MOLEX PN	NO. OF WIRES CODE (SEE PN MATRIX)	CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	WIRES COLOR
1210180467	1	A2	2	AWG 20	Ø5.4±0.2 mm	PVC BLACK	BN, BU
1210180128	2	A2	3	AWG 20	Ø5.6±0.2 mm	PVC BLACK	BN, BU, GN/YE
1210180394	3	A2	4	AWG 20	Ø6.2±0.25 mm	PVC BLACK	BN, BU, BK, GN/YE
1210180047	1	I2	2	0.5mm <sup>2</sup>	Ø5.5+0.3 mm	PVC GREY	BN, BU
1210180284	2	I2	3	0.5mm <sup>2</sup>	Ø5.5+0.3 mm	PVC GREY	BN, BU, GN/YE
1210180146	3	I2	4	0.5mm <sup>2</sup>	Ø6.5+0.2 mm	PVC GREY	BN, BU, BK, GN/YE
1210180022	1	N2	2	0.5mm <sup>2</sup>	Ø5.2±0.2 mm	PVC BLACK	BN, BU
1202092753	2	N2	3	0.5mm <sup>2</sup>	Ø5.5±0.2 mm	PVC BLACK	BN, BU, GN/YE
1210180153	3	N2	4	0.5mm <sup>2</sup>	Ø5.9±0.3 mm	PVC BLACK	BN, BU, BK, GN/YE
1202092439	2	P2	3	0.5mm <sup>2</sup>	Ø5.5+0.3 mm	PUR BLACK	BN, BU, GN/YE
1210180302	3	P2	4	0.5mm <sup>2</sup>	Ø6.5±0.2 mm	PUR BLACK	BN, BU, BK, GN/YE
1202094190	1	P3	2	0.75mm <sup>2</sup>	Ø6.5±0.2 mm	PUR BLACK	BN, BU
1210180126	2	B2	3	AWG 20	Ø5.6±0.2 mm	PUR BLACK	BN, BU, GN/YE
1210180016	1	IA	2	0.25mm <sup>2</sup>	Ø3.5±0.15mm	PVC GREY	BN, BU
1202090957	2	I8	3	0.5mm <sup>2</sup>	Ø5.5±0.2 mm	PVC GREY	BN, BU, GN/YE


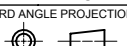
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mm	2:1	 E33XXXXXXXXX DIN FORM MICRO							
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °	EC NO: 650268		2020/10/29		2020/12/18		2020/12/18	
4 PLACES	±	DRWN: SUGEEB		2020/12/18		2020/12/18		2020/12/18	
3 PLACES	±	CHK'D: GGA		2020/12/18		2020/12/18		2020/12/18	
2 PLACES	±	APPR: GGA		2020/12/18		2020/12/18		2020/12/18	
1 PLACE	±	INITIAL REVISION:		2010/02/09		2012/01/11		2012/01/11	
0 PLACES	±	DRWN: MLEVYTSKYY		2010/02/09		2012/01/11		2012/01/11	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
				A3-SIZE		121040		SEE TABLE	
		CUSTOMER		GENERAL MARKET		SHEET NUMBER		2 OF 3	

PART LIST :

MOLEX PN	ENGINEERING NO.	LENGTH in MM
1210400400	E331N2N15011	1500
1210400412	E332N2N02012	200
1210400414	E332N2N03011	300
1210400415	E332N2N05011	500
1210400422	E332N2N10011	1000
1210400423	E332N2N10012	1000
1210400428	E332N2N10K11	10000
1210400432	E332N2N15011	1500
1210400436	E332N2N20011	2000
1210400437	E332N2N20012	2000
1210400438	E332N2N20021	2000
1210400439	E332N2N20061	2000
1210400445	E332N2N30011	3000
1210400446	E332N2N30012	3000
1210400451	E332N2N50011	5000
1210400452	E332N2N50012	5000
1210400453	E332N2N50021	5000
1210400457	E332P2N10012	1000
1210400459	E332P2N30012	3000
1210400460	E332P2N50012	5000
1210400464	E333N2N06021	600
1210400470	E333N2N20021	2000
1210400672	E333I2N60061	6000
1210400703	E333N2N10K21	10000
1210400717	E333P2N10K22	10000
1210400784	E332P2N20011	2000
1210400870	E332A2A06011	600
1210400912	E332N2N02511	250
1210400916	E333P2N05021	500
1210400917	E332P2N05021	500
1210400939	E331A2A10011	1000

MOLEX PN	ENGINEERING NO.	LENGTH in MM
1210400981	E332P2N06011	600
1210401012	E333A2A3002T	3000
1210401129	E331N2N03012	300
1210401144	E332P2N50011	5000
1210401209	E333I2N50061	5000
1210401213	E333N2N15K21	15000
1210401228	E333N2N50061	5000
1210401229	E333I2N50021	5000
1210401241	E332A2A10011	1000
1210401244	E332N2N1401T	1400
1210401260	E333N2N10021	1000
1210401298	E332I2N30011	3000
1210401299	E332I2N50011	5000
1210401319	E332I2N10011	1000
1210401320	E332A2A30011	3000
1210401321	E332A2A50011	5000
1210401352	E332N2N1001T	1000
1210401353	E332N2N3001T	3000
1210401354	E332N2N5001T	5000
1210401402	E333N2N10061	1000
1210401414	E332I2N20011	2000
1210401415	E332I2N60011	6000
1210401460	E331P3N5001T	5000
1210503460	E332I2N20012	2000
1210503461	E332I2N50012	5000

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

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						A3-SIZE		121040							
				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER							
				SEE TABLE		GENERAL MARKET		3 OF 3							

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