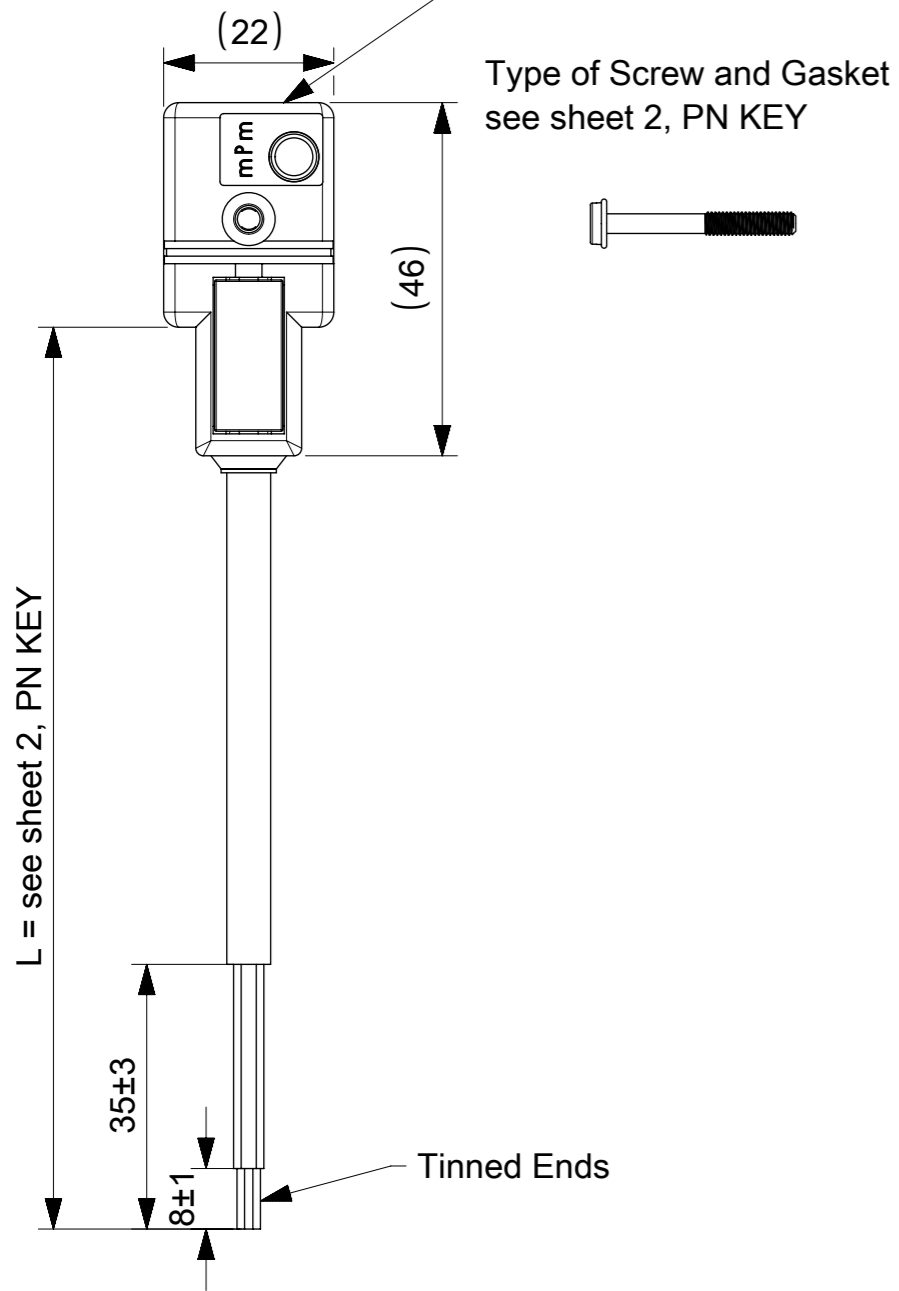


Circuit Tampoprint / White



Face View (see Insert Orientation)

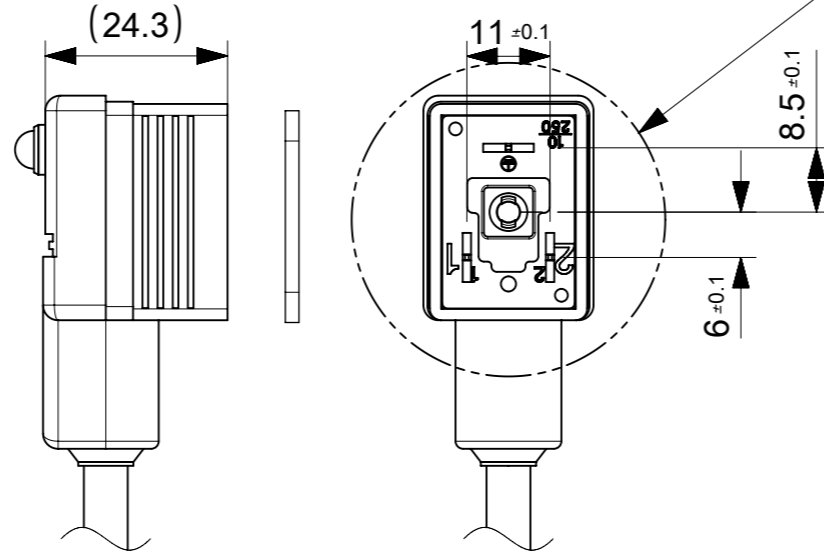
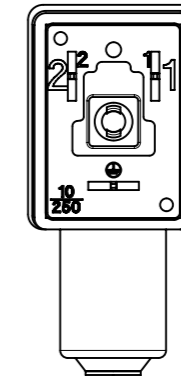


TABLE OF LENGTH TOLERANCES [mm]

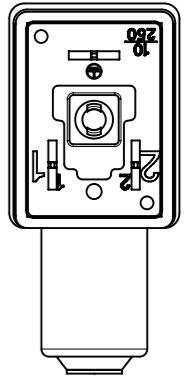
Over	Up to and Including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

INSERT ORIENTATION

Earth H6
E462XXXXXX6XXXX

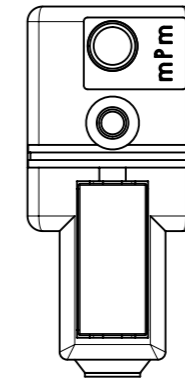


Earth H12
E462XXXXXX2XXXX

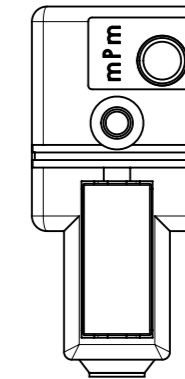


LED POSITION

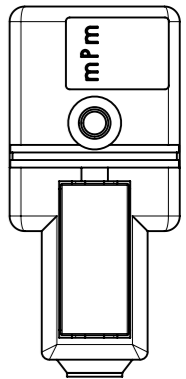
EARTH H6



EARTH H12



NO LED



Type of Screws and Gaskets

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
			Screw M3x27 + Washer

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:				
	DIMENSION UNITS	SCALE					
▽ = 0	mm	1:1	GENERAL TOLERANCES (UNLESS SPECIFIED)		STANDARD E462 DIN FORM INDUSTRIAL		
▽ = 0	ANGULAR TOL ± °		4 PLACES ±		PRODUCT CUSTOMER DRAWING		
▽ = 0	3 PLACES ±		2 PLACES ± 0.05		DOCUMENT NUMBER		
▽ = 0	1 PLACE ± 0.1		0 PLACES ±		1210501000		
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DOC TYPE DOC PART REVISION		
■ = 0	DRAWING		SERIES		PSD 000 A		
▽ = 0	A3-SIZE		121050		SHEET NUMBER		
MATERIAL NUMBER		CUSTOMER		1 OF 3			
SEE 1210501000_PDP		GENERAL MARKET					

PN KEY ENGINEERING PN

E 4 6 2 X X X X X X X X X X

E - Packing without bag
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

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

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

Wiring Configuration:
See sheet 3

Voltage and Led Colour

Red Led:	Green Led:	Yellow Led:
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

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

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	3	AWG 20	5.6mm±0.2	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
A3	3	AWG 18	6.5mm±0.25	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B2	3	AWG 20	5.6mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
B3	3	AWG 18	6.5mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
F4	3	1mm ²	7.1mm+0.2	PVC GREY	-	-	-15°C to +70°C, 10xO.D.	-5°C to +60°C, 15xO.D.	-
I0	3	1mm ²	7.6mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	YES
I2	3	0.5mm ²	5.5mm+0.3	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I3	3	0.75mm ²	6.0mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I4	3	1mm ²	7.1mm+0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	3	0.5mm ²	5.6mm±0.7	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N3	3	0.75mm ²	6.8mm±0.8	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N4	3	1mm ²	7.15mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P1	3	0.34mm ²	5.3mm±0.2	PUR BLACK	-	-	-25°C to +80°C, 10xO.D.	-5°C to +80°C, 15xO.D.	-
P2	3	0.5mm ²	5.5mm+0.3	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	3	0.75mm ²	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-

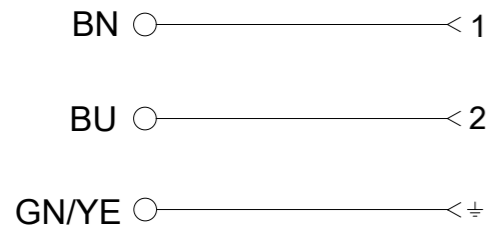
Notes:

- Please see excel sheet 1210501000_PDP for currently configured part numbers.
- Drawing is a replacement for: SD-121050-003

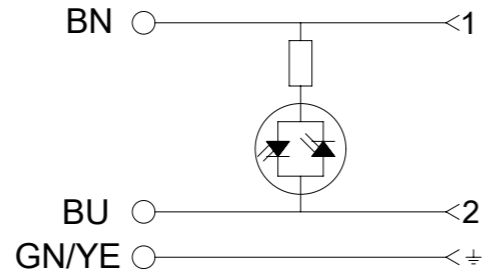
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex		
	DIMENSION UNITS	SCALE	EC NO: 603741				
	mm	1:1	DRWN: APAWLAK01 2018/07/16		STANDARD E462 DIN FORM INDUSTRIAL		
	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHK'D: RSILLER 2018/08/31				
ANGULAR TOL	±	APPR: RSILLER 2018/08/31		PRODUCT CUSTOMER DRAWING			
4 PLACES	±	INITIAL REVISION:					
3 PLACES	±	DRWN: APAWLAK01 2018/07/16		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2 PLACES	± 0.05	APPR: RSILLER 2018/08/31		1210501000	PSD	000	A
1 PLACE	± 0.1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NUMBER	CUSTOMER		SHEET NUMBER
0 PLACES	±	THIRD ANGLE PROJECTION	DRAWING	SERIES	121050	GENERAL MARKET	2 OF 3
☒ = 0			A3-SIZE				
☐ = 0							
▽ = 0							

WIRING DIAGRAMS

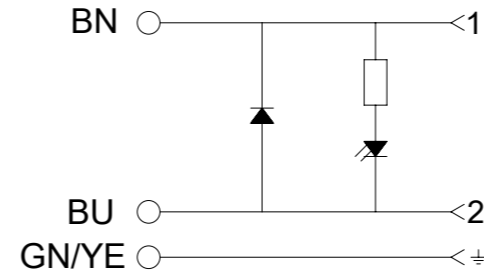
ELECTRICAL DIAGRAM 00



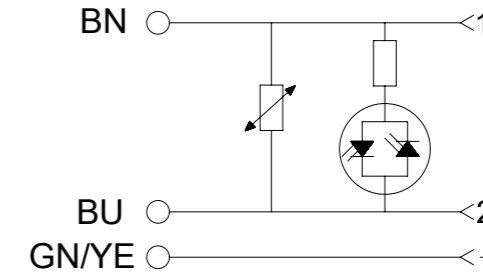
ELECTRICAL DIAGRAM A1



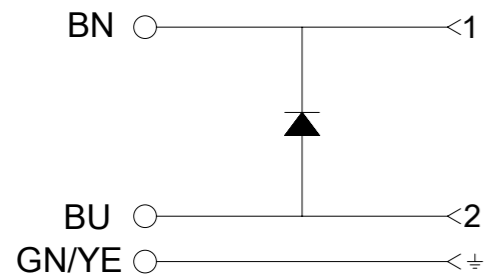
ELECTRICAL DIAGRAM C3



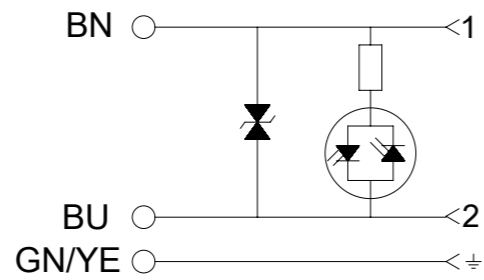
ELECTRICAL DIAGRAM C4



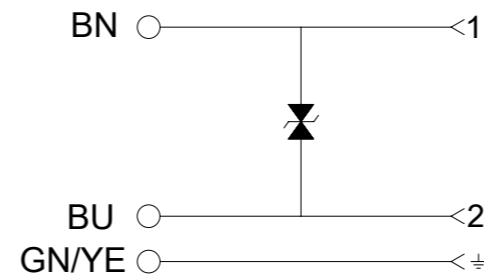
ELECTRICAL DIAGRAM E0



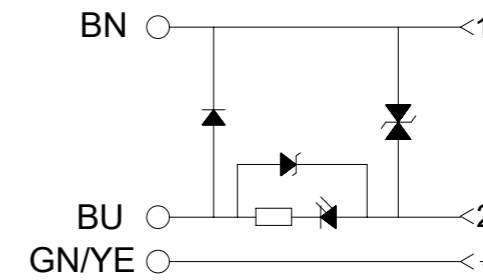
ELECTRICAL DIAGRAM S0



ELECTRICAL DIAGRAM S1



ELECTRICAL DIAGRAM NS



Technical Spec:

Supply Voltage: See PN KEY

Max. current: 5A; A1-C4-S0
1,5A; R2

Contact Resistance: ≤15milliohms max.

Operating Temperature:
with NBR Gasket: -40°C +90°C
with Silicone: -40°C +125°C

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:			molex				
	DIMENSION UNITS	SCALE								
▽ = 0	mm	1:1	EC NO: 603741 DRWN: APAWLAK01 2018/07/16 CHK'D: RSILLER 2018/08/31 APPR: RSILLER 2018/08/31 INITIAL REVISION: DRWN: APAWLAK01 2018/07/16 APPR: RSILLER 2018/08/31			STANDARD E462 DIN FORM INDUSTRIAL				
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▽ = 0	ANGULAR TOL ± °					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
▽ = 0	4 PLACES	±				1210501000		PSD	000	A
▽ = 0	3 PLACES	±				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
▽ = 0	2 PLACES	± 0.05	SEE 1210501000_PDP		GENERAL MARKET		3 OF 3			
▽ = 0	1 PLACE	± 0.1	THIRD ANGLE PROJECTION		DRAWING	SERIES				
▽ = 0	0 PLACES	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		A3-SIZE	121050				

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/31	12:24:52
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