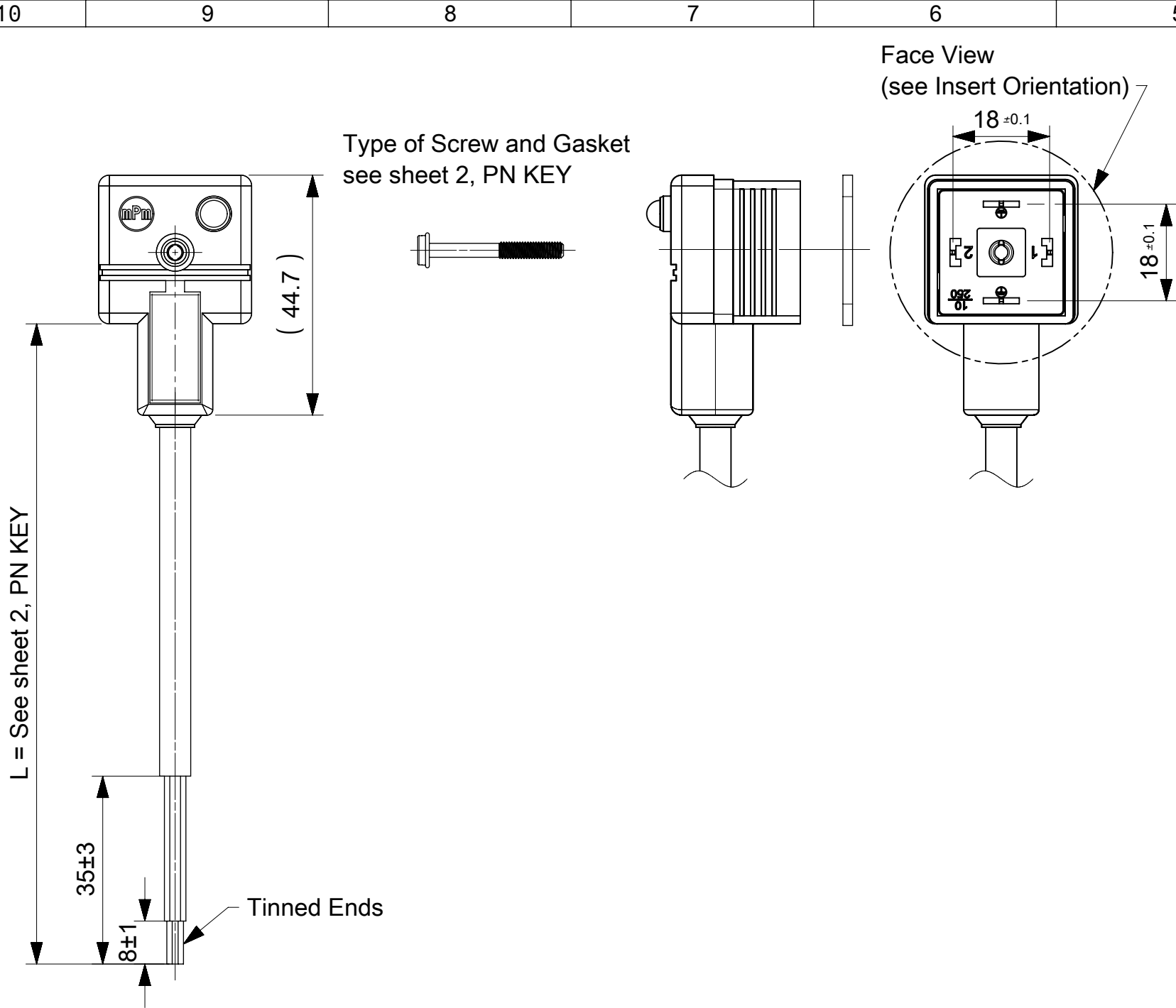




INSERT ORIENTATION	
Housing 2 Poles + 2 Earths	Housing 3 Poles + 1 Earth
Earth H6/H12 - Not Used E451XXXXXX1XXXX	Earth H12 -Not Used E451XXXXXX2XXXX PIN 3 Not Used
Earth H3/H9 - Not Used E451XXXXXX4XXXX	Earth H3 - Not Used E451XXXXXX3XXXX PIN 3 Not Used
Earth H6/H12 - Not Used E451XXXXXX1XC3X E451XXXXXX1XC7X E451XXXXXX1XR0X E451XXXXXX1XR2X Insert 180°	Earth H6 - Not Used E451XXXXXX6XXXX PIN 3 Not Used
	Earth H9 - Not Used E451XXXXXX9XXXX PIN 3 Not Used

Type of Screws and Gaskets

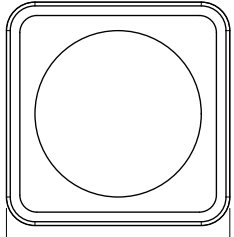
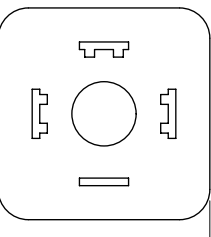
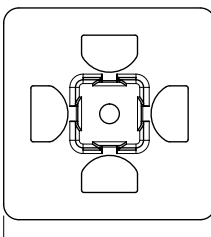
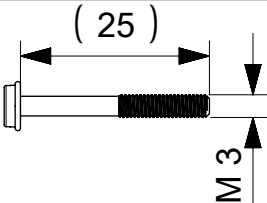
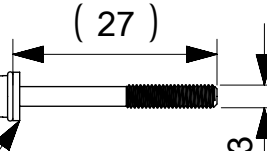
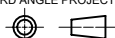
Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
 (□ 29.5) (5.2) (1.8)	 (□ 28) (1.8)	 (□ 28) (1.8) (9.3)	 (25) M 3
			Screw M3x27 + Washer
			 (27) M 3 NBR Washer

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

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			STANDARD E451 DIN FORM A EN 175301-803			
▽ = 0	mm	1:1						
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							
▽ = 0	ANGULAR TOL	± 1.0 °						
▽ = 0	4 PLACES	±						
▽ = 0	3 PLACES	±						
▽ = 0	2 PLACES	± 0.05						
▽ = 0	1 PLACE	± 0.3						
▽ = 0	0 PLACES	± 0.5						
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							
▽ = 0			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
▽ = 0				A3-SIZE	121050	SEE 1210504000_PDP	GENERAL MARKET	1 OF 3

KLUCZ / PN KEY ENGINEERING PN

E

4

5

1

X

X

X

X

X

X

X

X

X

X

E - Packing without bag
W - Single Packing

Number of wires:
1 - 2 Wires

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

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

Wiring Configuration:
See sheet 3

Voltage and LED Colour

Red LED

1 = 12V
2 = 24V
3 = 48V
4 = 115V
5 = 230V

Green LED

A = 12V
B = 24V
C = 48V
D = 115V
E = 230V

Yellow Led

G = 12V
H = 24V
K = 48V
L = 115V
M = 230V

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 LIST

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	KOLORY PRZEWODÓW WIRES COLOR	SHIELD
A2	2	AWG 20	5.4mm±0.2	PVC BLACK	BN, BU	-
A3	2	AWG 18	6.2mm±0.25	PVC BLACK	BN, BU	-
B2	2	AWG 20	5.6mm±0.2	PUR BLACK	BN, BU	-
B3	2	AWG 18	6.2mm±0.2	PUR BLACK	BN, BU	-
I2	2	0.5mm²	5.5mm+0.3	PVC GREY	BN, BU	-
I3	2	0.75mm²	5.5mm±0.2	PVC GREY	BK1,BK2	-
I4	2	1mm²	7.1mm±0.2	PVC GREY	BN, BU	-
N2	2	0.5mm²	5.25mm±0.65	PVC BLACK	BN, BU	-
N3	2	0.75mm²	6.45mm±0.75	PVC BLACK	BN, BU	-
N4	2	1mm²	6.45mm±0.75	PVC BLACK	BN, BU	-
P2	2	0.5mm²	5.5mm+0.2	PUR BLACK	BN, BU	-
P3	2	0.75mm²	6.5mm±0.2	PUR BLACK	BN, BU	-
W2	2	0.5mm²	~5.2mm	WSOR BLACK	BN, BU	-
W3	2	0.75mm²	~6.0mm	WSOR BLACK	BN, BU	-

Notes:
1. Please see excel sheet 1210504000_PDP for currently configured part numbers.
2. Drawing is a replacement for: SD-121050-004

DOCUMENT STATUS	P1	RELEASE DATE	2024/07/04	12:12:01
-----------------	----	--------------	------------	----------

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		mm
		1:1
	CURRENT REV DESC:	
	EC NO: 791448	
	DRWN: MARCIM6 2024/06/28	
	CHK'D: RSILLER 2024/07/04	
APPR: RSILLER 2024/07/04		
INITIAL REVISION:		
DRWN: SSM 2019/06/04		
APPR: RSILLER 2019/06/28		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		
THIRD ANGLE PROJECTION		
DRAWING		
SERIES		
MATERIAL NUMBER		
CUSTOMER		
SHEET NUMBER		

10

9

8

7

6

5

4

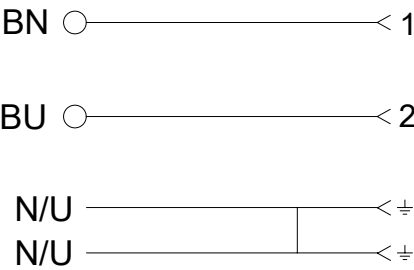
3

2

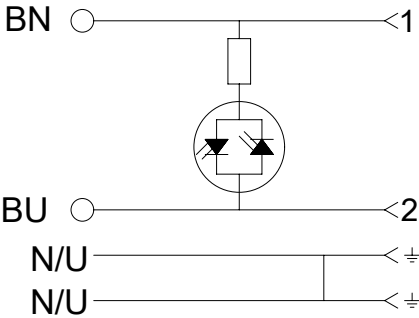
1

WIRING DIAGRAMS

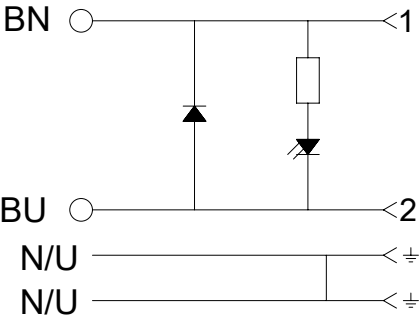
ELECTRICAL DIAGRAM 00
WITHOUT LED



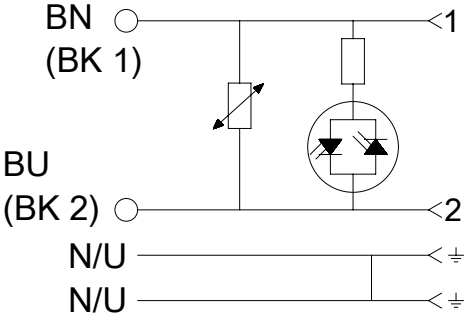
ELECTRICAL DIAGRAM A1



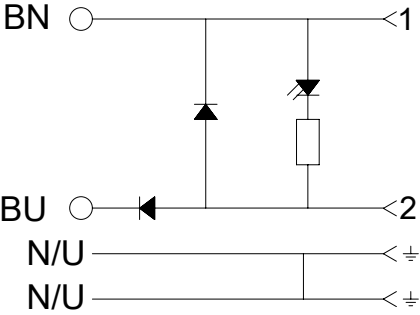
ELECTRICAL DIAGRAM C3



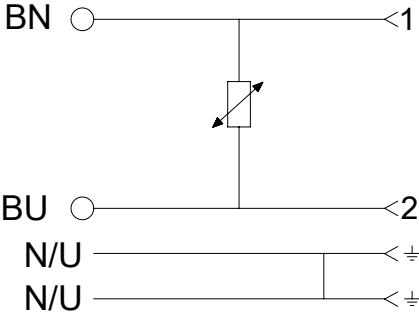
ELECTRICAL DIAGRAM C4



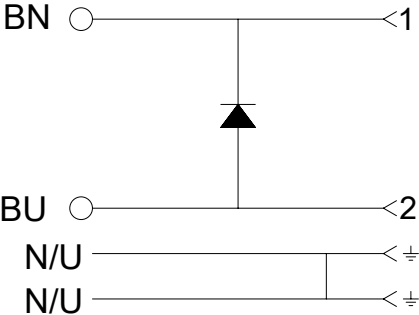
ELECTRICAL DIAGRAM C7



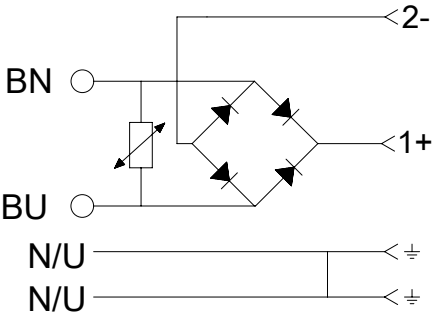
ELECTRICAL DIAGRAM D0



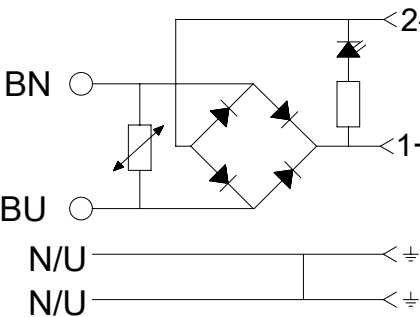
ELECTRICAL DIAGRAM E0



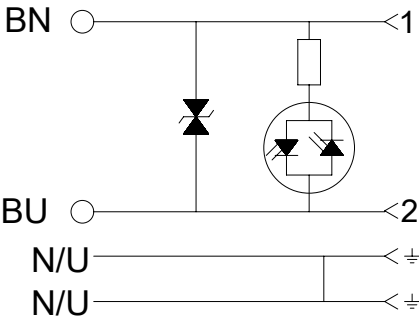
ELECTRICAL DIAGRAM R0



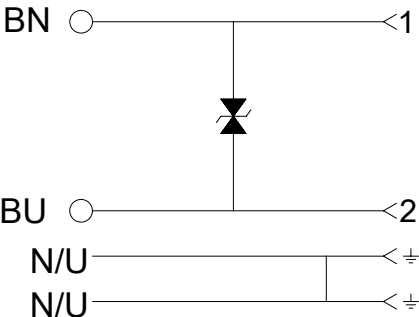
ELECTRICAL DIAGRAM R2



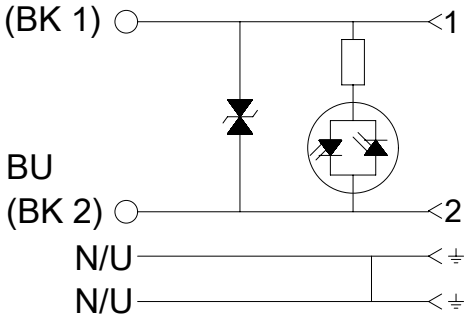
ELECTRICAL DIAGRAM S0



ELECTRICAL DIAGRAM S1



ELECTRICAL DIAGRAM S3



SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex							
		mm		1:1													
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 791448				STANDARD E451 DIN FORM A EN 175301-803							
= 0																	
= 0		ANGULAR TOL ± 1.0 °				DRWN: MARCIM6 2024/06/28				PRODUCT CUSTOMER DRAWING							
= 0		4 PLACES ±				CHK'D: RSILLER 2024/07/04											
= 0		3 PLACES ±				APPR: RSILLER 2024/07/04											
= 0		2 PLACES ± 0.05				INITIAL REVISION:				DOCUMENT NUMBER 1210504000							
= 0		1 PLACE ± 0.3				DRWN: SSM 2019/06/04								DOC TYPE PSD		DOC PART 000	
= 0		0 PLACES ± 0.5				APPR: RSILLER 2019/06/28				MATERIAL NUMBER SEE 1210504000_PDP		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 3			
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 121050							
= 0																	