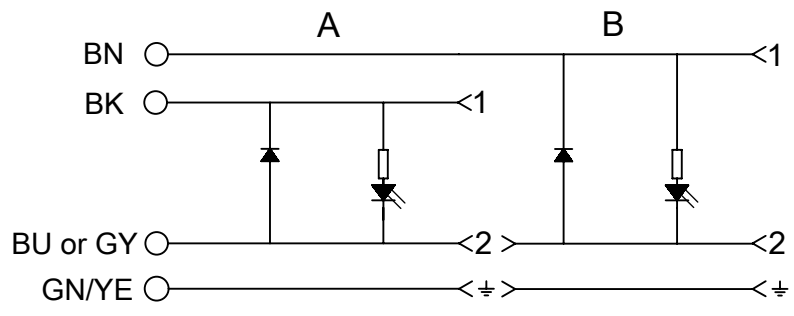
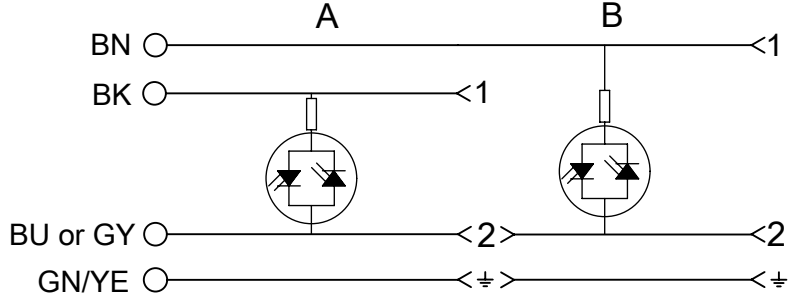


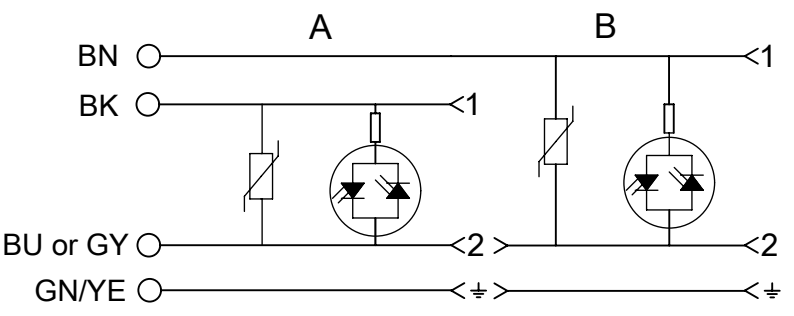
ELECTRICAL DIAGRAM - C3



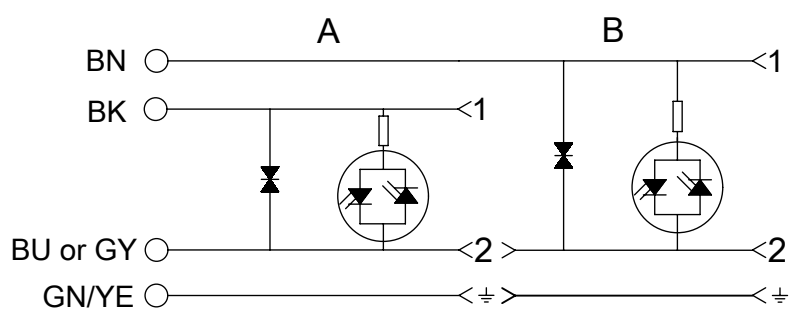
ELECTRICAL DIAGRAM - A1



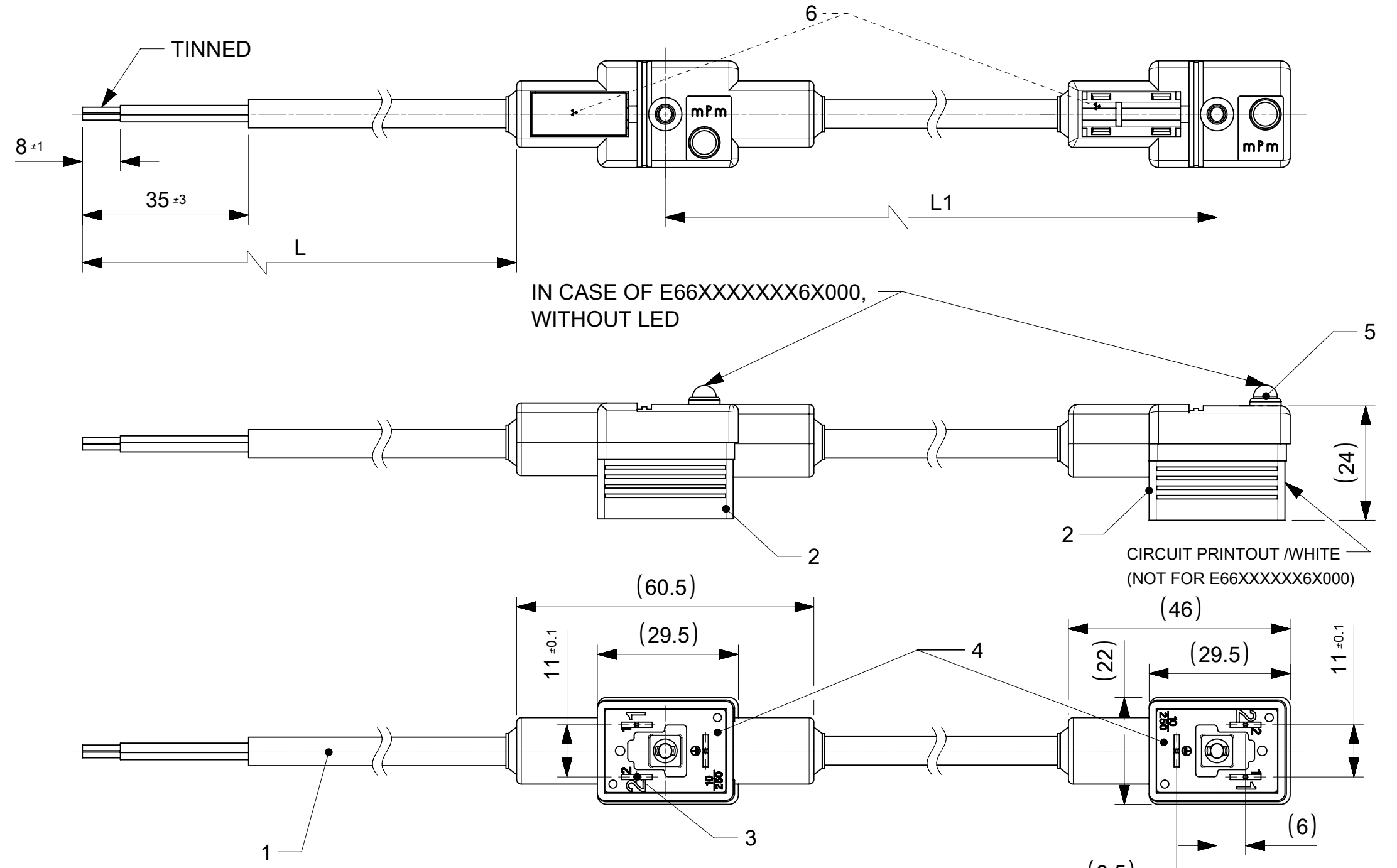
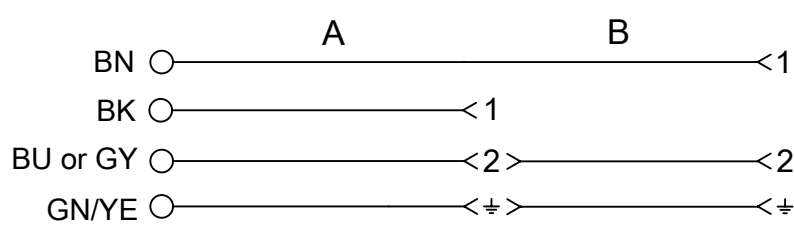
ELECTRICAL DIAGRAM - C4



ELECTRICAL DIAGRAM - S0



ELECTRICAL DIAGRAM - 00



IN CASE OF E66XXXXXXX6X000, WITHOUT LED

CIRCUIT PRINTOUT /WHITE (NOT FOR E66XXXXXXX6X000)

NOTE : IN CASE OF E662XXXXXXX6XXX, Ground is not connected, GN/YE wire is cutted off.

NOTES :
 ELECTRICAL - CURRENT : MAX. 5.0A
 CONTACT RESISTANCE : ≤15 milliohms MAX.
 INSULATION RESISTANCE : 100 Megaohms MIN.
 PHYSICAL - OPERATING TEMPERATURE WITH :
 NITRILE RUBBER (NBR) GASKET : -40°C TO +90°C
 LIVE CONTACT DISTANCE :
 FORM B - 11.00mm
 ENVIRONMENTAL - IP65 SEALING PROTECTION(FIXING SCREW)

BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
12	0/2	WASHER	-	-
11	0/2	SCREW M3x27	STEEL	ZINC
10	0/2	INTEGRATED GASKET	NBR	-
9	0/2	FLAT GASKET	NBR/SILICONE	-
8	0/2	PROFILE GASKET	NBR/SILICONE	-
7	0/2	SCREW M3x25	STEEL	ZINC
6	2	LABEL WHITE	ABS	-
5	0/2	PCB	-	-
4	2	INSERT DIN	PA66+25%G V0	-
3	6	CONTACT DIN	BRASS	SILVER
2	-	MOULDING MATERIAL	PP	-
1	-	CABLE	PUR	BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: TOL.TABLE UPDATED	
▽A = 0	mm	SCALE	1:1	EC NO: 642619	
▽E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SSM		2020/07/29
▽F = 0	ANGULAR TOL ± 1.0°		CHK'D: RSILLER		2020/09/04
DIVISIONAL SYMBOLS		4 PLACES ±		APPR: RSILLER	
		3 PLACES ±		2020/09/04	
		2 PLACES ± 0.05		INITIAL REVISION:	
		1 PLACE ± 0.3		DRWN: SSM	
		0 PLACES ± 0.5		2020/07/29	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		2020/09/04	
		DRAWING		SERIES	
		A3-SIZE		121055	
		MATERIAL NUMBER		CUSTOMER	
		SEE SHEET 2		GENERAL MARKET	
		DOCUMENT NUMBER		DOC TYPE	
		1210550141		PSD	
		DOC PART		REVISION	
		000		A	
		SHEET NUMBER		1 OF 2	

ENGINEERING No. MATRIX

E 6 6 X X X X X X X 6 X X X X

E66 - Form Industrial
(11mm Contact Spacing)

Number of Wires
2 - 2 Poles
3 - 2 Poles + Ground

Cable type:
See Table

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

Cable Length in Meters (L):
A=1
B=1.5
C=2
D=2.5
E=3
F=3.5
G=4
H=4.5
L=5
M=5.5
N=6
P=6.5
Q=7
R=7.5
S=8
T=8.5
U=9
K=10

Cable Length in cm Between 2 connectors (L1)
15=15 cm
30=30 cm
1K=100 cm
min length=13 cm

Earth PIN Location:
6=6/1 1 earth on 6H

Internal Circuit
see Wiring Configuration

Voltage and LED color

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

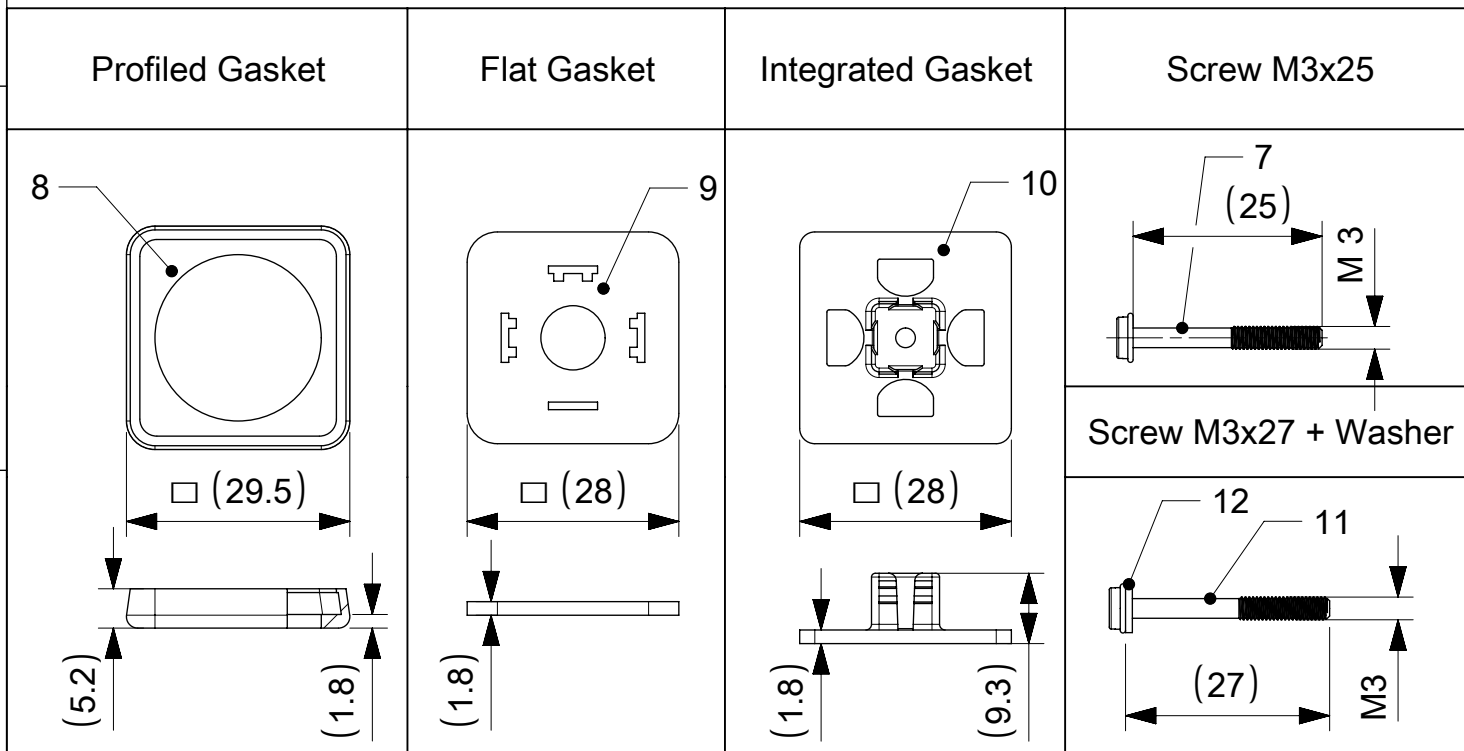
A= 12V
B= 24V
C= 48V
D= 115V
E= 230V
GREEN LED

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

Type of Gasket and Screw:

- 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

Type of Screws and Gaskets



PART LIST

SL No.	MOLEX P/N	ENG No.
1	1210550141	E663P3NL1861C4H
2	1210550154	E663I2NE1361C4H
3	1210550325	E663I3NL1361000
4	1210550326	E663I3NL2161000
5	1210550293	E662P3NA1361C4H
6	1210550294	E662P3NA1361C4M

TABLE OF LENGTH TOLERANCES [mm]			FUNCTIONAL SYMBOLS $\sqrt{A} = 0$ $\sqrt{E} = 0$ $\sqrt{F} = 0$		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: TOL.TABLE UPDATED	
Over	Up to and Including	Tolerance	DIMENSION UNITS mm	SCALE 1:1	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL $\pm 1.0^\circ$	
0	500	-10/+20	DIVISIONAL SYMBOLS 4 PLACES \pm 3 PLACES \pm 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5		EC NO: 642619 DRWN: SSM APPR: RSILLER INITIAL REVISION: DRWN: SSM APPR: RSILLER	
500	1000	± 20	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		2020/07/29 2020/09/04 2020/07/29 2020/09/04	
1000	3000	± 30	THIRD ANGLE PROJECTION		DOCUMENT NUMBER: 1210550141 DOC TYPE: PSD DOC PART: 000 REVISION: A	
3000	5000	± 40	A3-SIZE		MATERIAL NUMBER: SEE PART LIST CUSTOMER: GENERAL MARKET	
5000	10000	± 50	SERIES: 121055		SHEET NUMBER: 2 OF 2	
10000	15000	± 100				
15000	20000	± 150				
20000		$\pm L/100$				