

NOTE : IN CASE OF E662XXXXXXXX6XXX, Ground is not connected, GN/YE wire is cutted off.

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

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)

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)		4 PLACES ±	DRWN: SSM	2020/07/29
▽F = 0	ANGULAR TOL ± 1.0°		3 PLACES ±	CHK'D: RSILLER	2020/09/04
DIVISIONAL SYMBOLS		2 PLACES ± 0.05	2 PLACES ± 0.3	APPR: RSILLER	2020/09/04
		1 PLACE ± 0.3	0 PLACES ± 0.5	INITIAL REVISION:	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: SSM	2020/07/29
		THIRD ANGLE PROJECTION		APPR: RSILLER	2020/09/04
		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		A3-SIZE	121055	SEE SHEET 2	GENERAL MARKET
		DOCUMENT NUMBER		DOC TYPE	DOC PART
		1210550270		PSD	000
		SHEET NUMBER		1 OF 2	

ENGINEERING No. MATRIX

E 6 6 X X X X X X X 2 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:
2=12/1 earth on 12H

Internal Circuit
see Wiring Configuration

Voltage and LED color

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

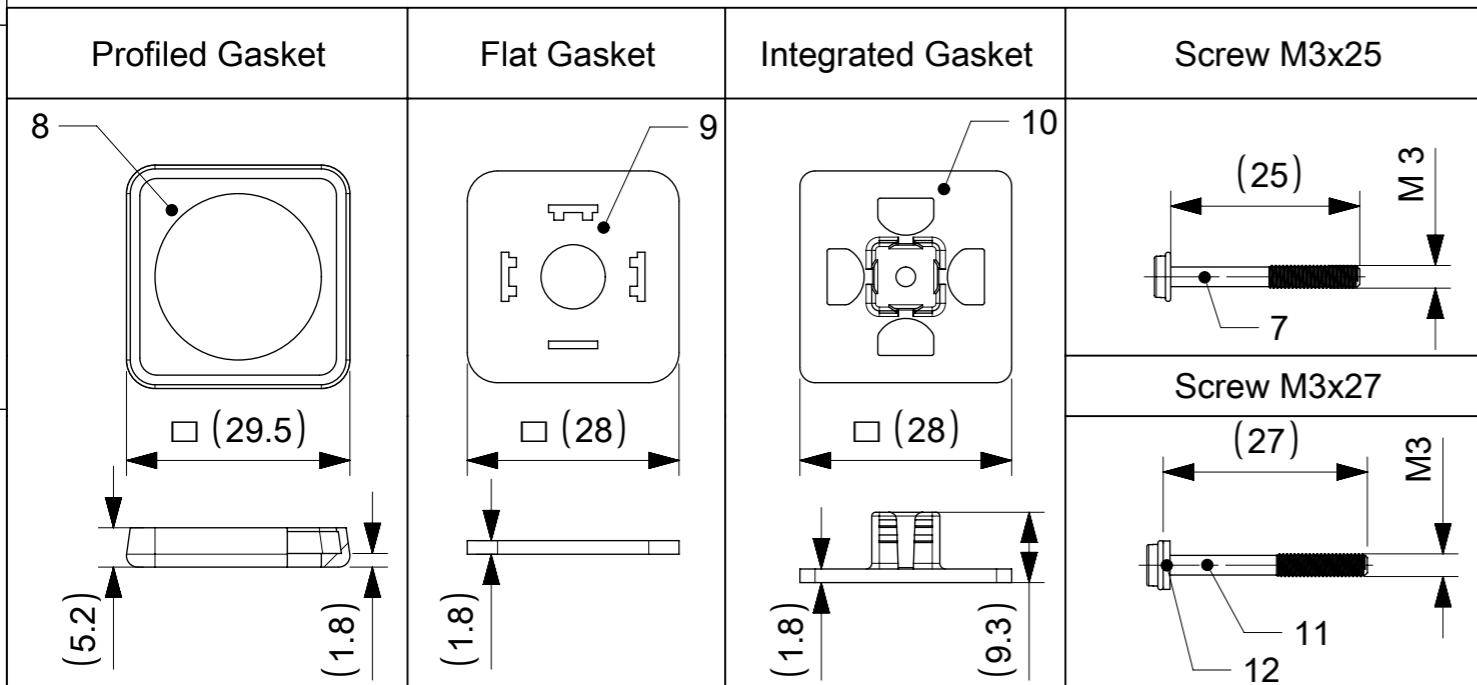
A= 12V
B= 24V
C= 48V
D= 115V
E= 230V
GREEN LED

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	1210550262	E663P3NE2021S0B
2	1210550263	E663P3NC2021S0B
3	1210550270	E663P2NE202PC4H

Over	Up to and Including	Tolerance
0	500	-10/+20
500	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS: $\sqrt{A} = 0$, $\sqrt{E} = 0$, $\sqrt{F} = 0$

DIVISIONAL 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

EC NO: 642619
DRWN: SSM
CHK'D: RSILLER
APPR: RSILLER

INITIAL REVISION:
DRWN: SSM
APPR: RSILLER

2020/07/29
2020/09/04
2020/09/04

2020/07/29
2020/09/04

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE
SERIES: 121055
MATERIAL NUMBER: SEE PART LIST
CUSTOMER: GENERAL MARKET

DOCUMENT NUMBER: 1210550270
DOC TYPE: PSD
DOC PART: 000
REVISION: A

SHEET NUMBER: 2 OF 2