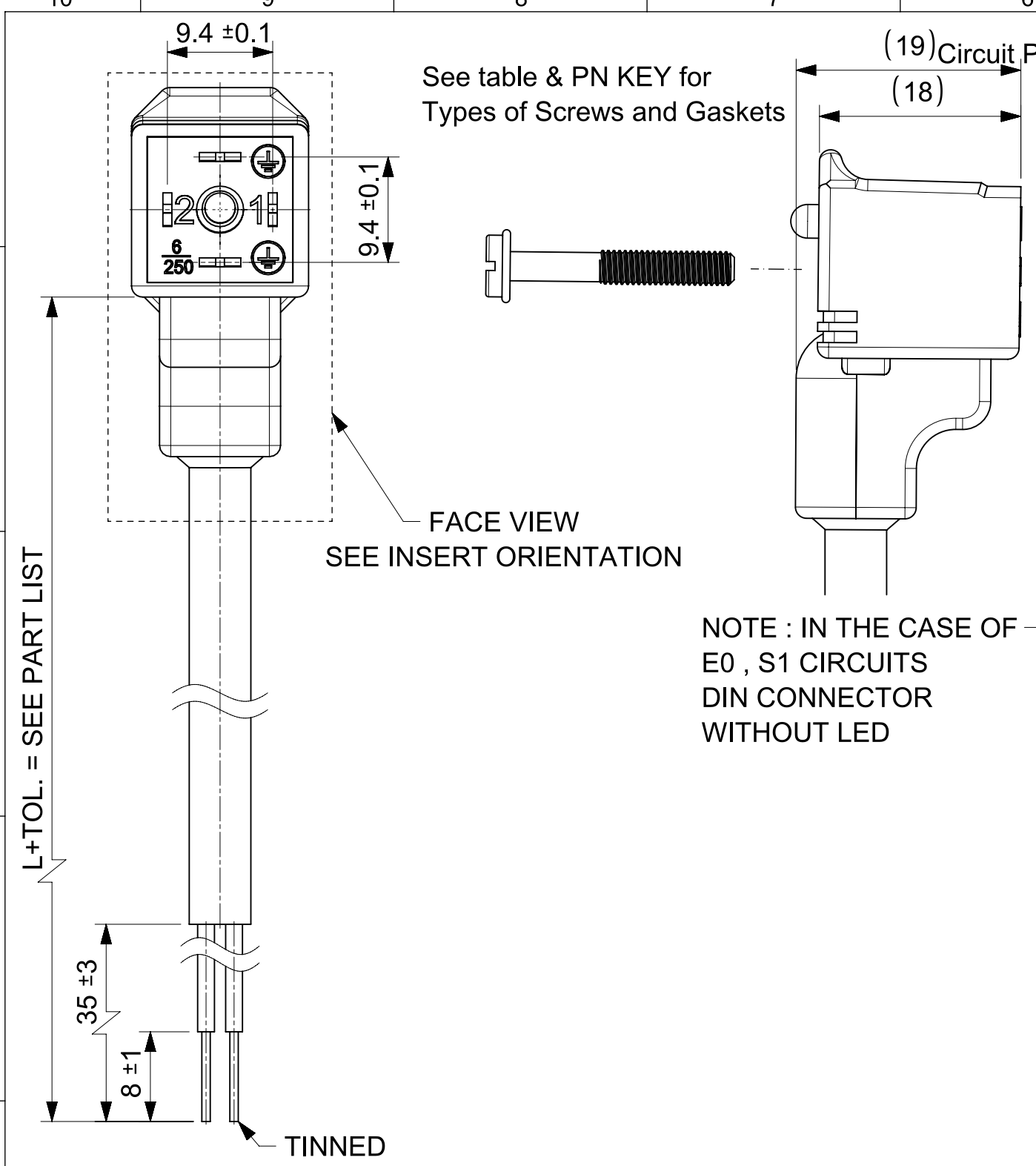
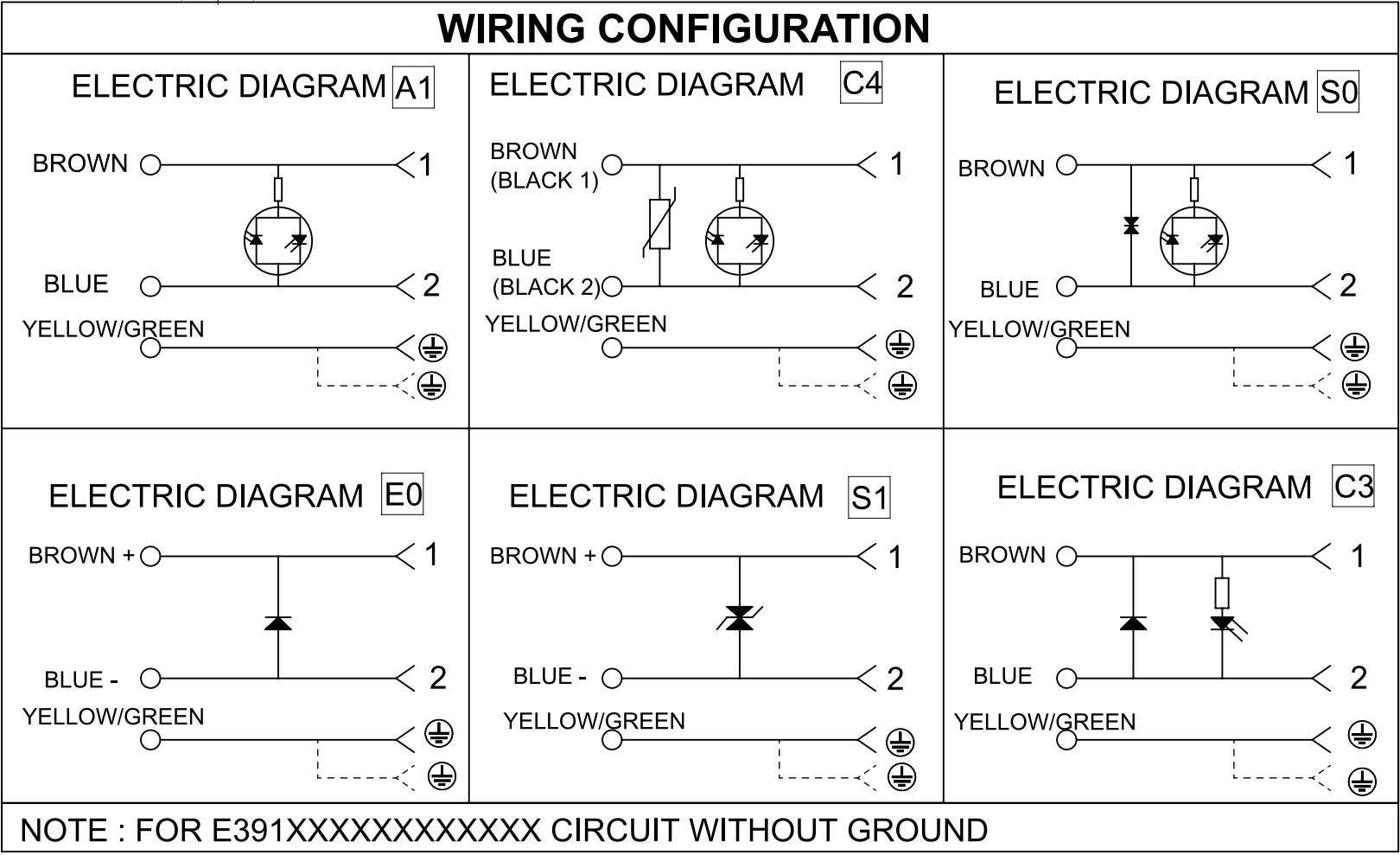




INSERT ORIENTATION		
EARTH ON 6H & 12H E39XXXXXXXX1XXXX	EARTH ON 12H E39XXXXXXXX2XXXX	EARTH PIN ON 6H E39XXXXXXXX6XXXX



TYPES OF SCREWS AND GASKETS		
Flat Gasket	Profiled Gasket	Screw M3x20
		Screw M3x20
		NBR Washer

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

DIMENSION UNITS	SCALE
mm	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#517430

STATUS: Production
DRWN: M M Ponnanna
CHK'D: Ganesh Rao B
APPR: Gurunandan GA

2025-11-25
2025-12-24
2025-12-24

molex

E39XXXXXXXXXXXXX
DIN FORM MICRO

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-121050-007	PSD	001	C4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 3

PART NO MATRIX :

E 3 9 X X X X 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

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

Internal Circuit :
See Wiring Configuration

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 Profile Gasket + Screw (M3x20mm)
T = NBR Profile Gasket + Fixing Screw with Washer (M3x20mm)

Voltage and LED Color :

1 - 12V	RED LED	A - 12V	GREEN LED	G - 12V	YELLOW LED
2 - 24V		B - 24V		H - 24V	
3 - 48V		C - 48V		K - 48V	
4 - 115V		D - 115V		L - 115V	
5 - 230V		E - 230V		M - 230V	

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	0.5mm²	Ø5.5+0.3 mm	PVC GREY	BN, BU
1210180284	2	I2	3	0.5mm²	Ø5.5+0.3 mm	PVC GREY	BN, BU, GN/YE
1210180146	3	I2	4	0.5mm²	Ø6.5+0.2 mm	PVC GREY	BN, BU, BK, GN/YE
1210180022	1	N2	2	0.5mm²	Ø5.2±0.2 mm	PVC BLACK	BN, BU
1202092753	2	N2	3	0.5mm²	Ø5.5±0.2 mm	PVC BLACK	BN, BU, GN/YE
1210180153	3	N2	4	0.5mm²	Ø5.9±0.3 mm	PVC BLACK	BN, BU, BK, GN/YE
1202092439	2	P2	3	0.5mm²	Ø5.5+0.3 mm	PUR BLACK	BN, BU, GN/YE
1210180302	3	P2	4	0.5mm²	Ø6.5±0.2 mm	PUR BLACK	BN, BU, BK, GN/YE
1202094190	1	P3	2	0.75mm²	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	0.25mm²	Ø3.5±0.15mm	PVC GREY	BN, BU
1202090957	2	I8	3	0.5mm²	Ø5.5±0.2 mm	PVC GREY	BN, BU, GN/YE

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

DIMENSION UNITS	SCALE
mm	2:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 0.5°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION

CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#517430

STATUS: Production

DRWN: M M Ponnanna

CHK'D: Ganesh Rao B

APPR: Gurunandan GA

2025-11-25

2025-12-24

2025-12-24

DOCUMENT NUMBER

SD-121050-007

DOC TYPE

PSD

DOC PART

001

REVISION

C4

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 3

