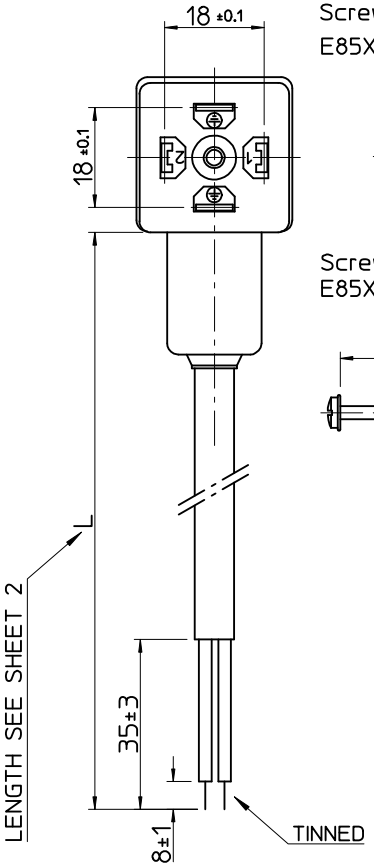
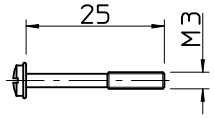
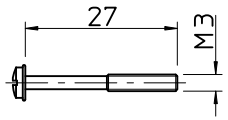
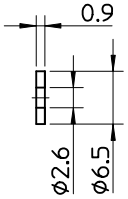


Screw for
E85XXXXXXXX1XXX

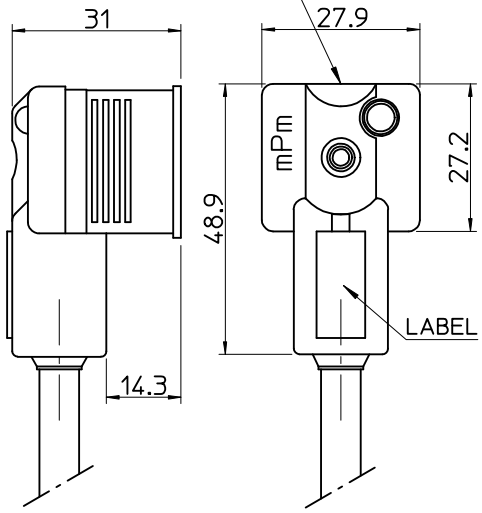


Screw and Gasket for
E85XXXXXXXXQXXX

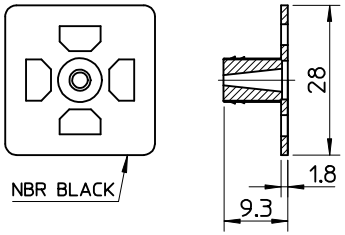




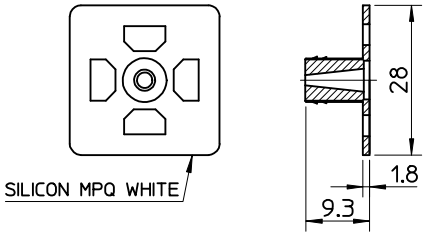
CIRCUIT PRINTOUT WHITE



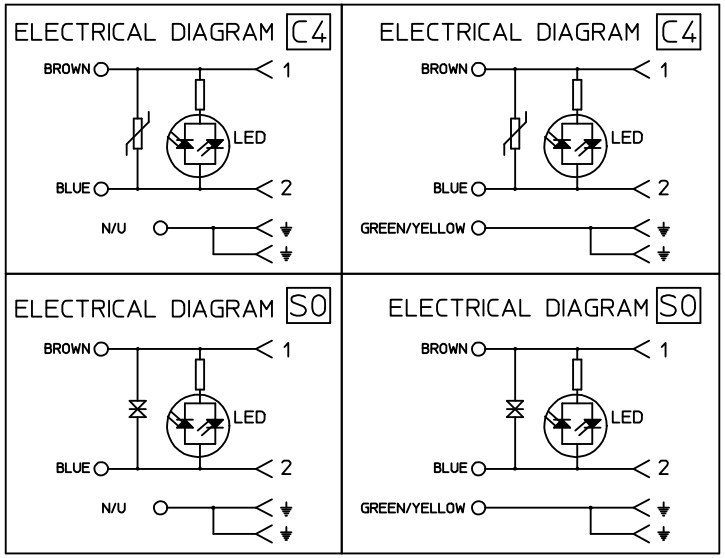
Gasket for
E85XXXXXXXX1XXX



Gasket for
E85XXXXXXXXQXXX



WIRING DIAGRAM FOR:
E851XXXXXXXXXXX E852XXXXXXXXXXX



Coil cable above 1 m.
Integrated gasket and screw assembled.

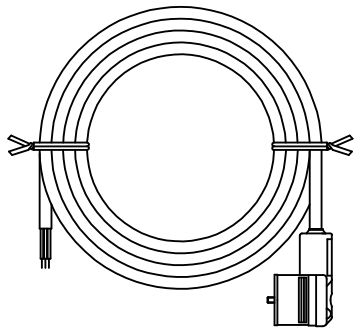


Table of lenght tolerances [mm]		
Over	Up to and including	Tolerance (+)
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

REV	DESCRIPTION
B	ADDED E851 EC NO: IPG2016-0637 DRWN:APAWLAK01 2015/10/29 CH'KD:DSTACHOWIAK 2015/10/29 APPR:MIWASIECZKO 2015/11/02

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

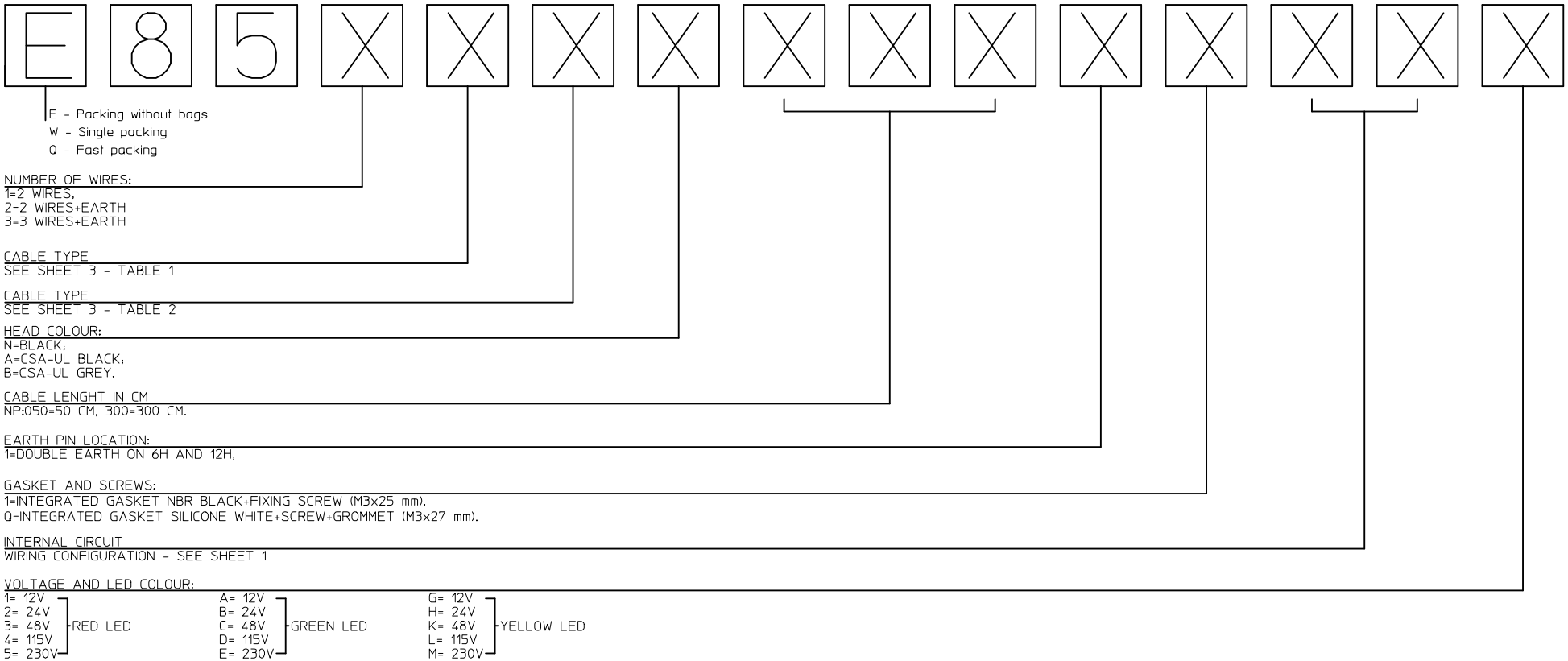
DIMENSION STYLE: MM ONLY
SCALE: -
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: JMARSZALEK DATE: 2012/10/01
CHECKED BY: MSZWAJKOWSKI DATE: 2013/07/25
APPROVED BY: MIWASIECZKO DATE: 2015/09/28
MATERIAL NO.: MATRIX DRAWING

TITLE
E85XXXXXXXXXXX
CSE DIN-A W/PCB 2P+2E
H6/H12 FE RA XM

molex

DOCUMENT NO.: SD-121060-001
SHEET NO.: 1 OF 3
SIZE: A3



List of E851 PN's

Molex PN:	Engineering No.:	L [mm]
1210600012	E851I4N30011C4H	3000
1210600013	E851I4N50011C4H	5000
1210600014	E851I4N10K11C4H	10000
1210600015	E851I4N20011C4H	2000
1210600029	E851P3A5001QC4B	5000
1210600030	E851P3A3001QC4B	3000
1210600031	E851P3A2001QC4B	2000
1210600032	E851P3A1001QC4B	1000
1210600033	E851P3A0501QC4B	500
1210600034	E851B3A0201QC4B	200
1210600044	E851B3A0501QC4B	500
1210600045	E851B3A1001QC4B	1000
1210600048	E851B3A2001QC4B	2000

List of E852 PN's

Molex PN:	Engineering No.:	L [mm]
1210600040	E852P3A30011S0H	3000
1210600041	E852P3A50011S0H	5000

ADDED E851
EC NO: IPG2016-0637 2015/10/29
DRWN:APAWLAK01 2015/10/29
CH'KD:DSTACHOWIAK 2015/11/02
APPR:MIWASIECZKO
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: -
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: JMARSZALEK DATE: 2012/10/01
CHECKED BY: MSZWAJKOWSKI DATE: 2013/07/25
APPROVED BY: MIWASIECZKO DATE: 2015/09/28
MATERIAL NO.: MATRIX DRAWING

TITLE
E85XXXXXXXXXXXX
CSE DIN-A W/PCB 2P+2E
H6/H12 FE RA XM

molex

DOCUMENT NO.: SD-121060-001
SHEET NO.: 2 OF 3
SIZE: A3

TABLE 2 - CABLES

TABLE 2 - CABLES

Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors
1210180384	R	3	3	0.75 mm²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE
1210180094	T	3	3	0.75 mm²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE
1210180309	Y	3	3	0.75 mm²	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE
1210180081	F	4	3	1 mm²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE
1210180042	I	4	2	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU
1210180079	I	4	3	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE
1210180036	N	4	2	1 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU
1210180082	N	4	3	1 mm²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE
1210180117	R	4	3	1 mm²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE
1210180085	N	5	3	1.5 mm²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE
1210180313	I	6	2	0.35 mm²	PVC CEI 2011	Grey	4.8±0.2	BN, WH
1210180149	I	9	4	0.75 mm²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE

TABLE 1 - TYPES OF CABLES

Code	Cable types	Features	Cross Section
N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	0.5 mm² 0.75 mm² 1 mm²
I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	0.5 mm² 0.75 mm² 1 mm²
P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	0.5 mm² 0.75 mm² 1 mm²
A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	20 AWG 18 AWG
B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	20 AWG 18 AWG

ADDED E851
EC NO: IPG2016-0637
DRWN:APAWLAK01 2015/10/29
CH'KD:DSTACHOWIAK 2015/10/29
APPR:MIWASIECZKO 2015/11/02
DESCRIPTION
B
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
0 PLACE	± ---	± ---

ANGULAR ±---°
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: -
DESIGN UNITS: METRIC
FIRST ANGLE PROJECTION

DRAWN BY: JMARSZALEK DATE: 2012/10/01
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TITLE: E85XXXXXXXXXXX
CSE DIN-A W/PCB 2P+2E
H6/H12 FE RA XM

molex

DOCUMENT NO.: SD-121060-001
SHEET NO.: 3 OF 3
SIZE: A3