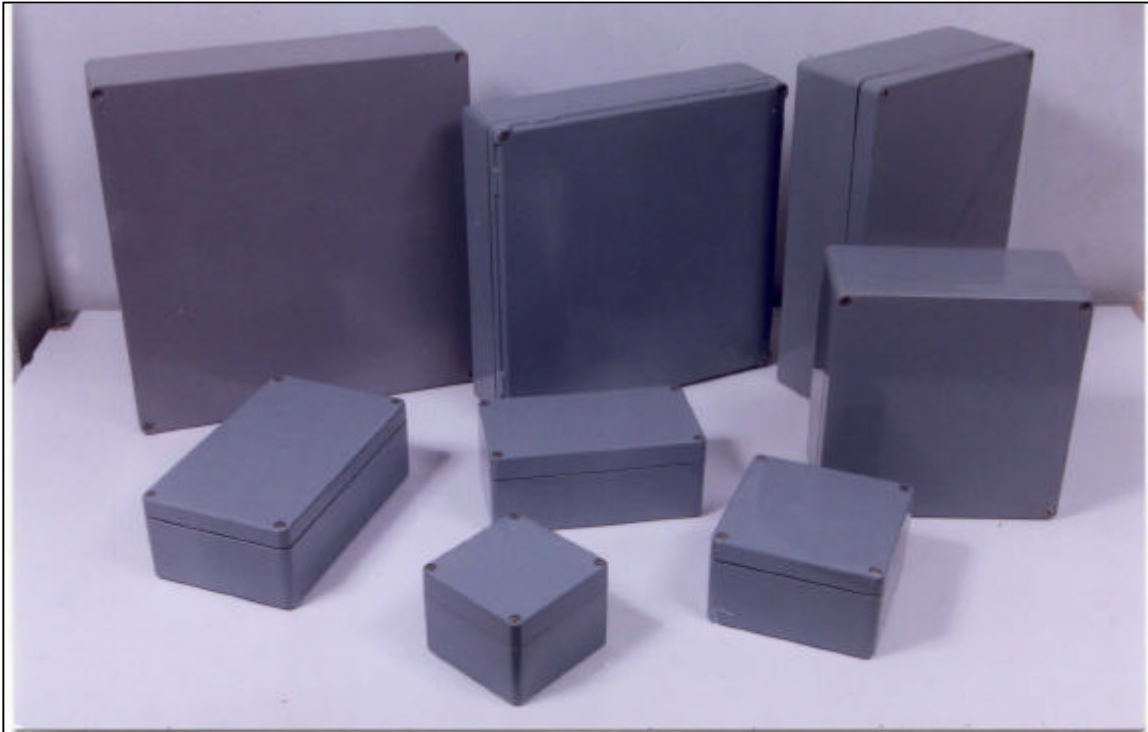


DURO-BOX POLYESTER ENCLOSURES

Technical Information



DEVI POLYMERS PRIVATE LIMITED

An ISO 9000 Company

Company presentation

Devi Polymers are introducing a new range DURO-BOX Polyester Enclosures to meet the growing needs of high quality, cost effective products.

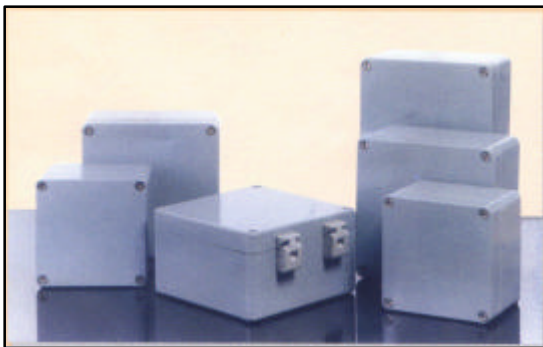
These enclosures are manufactured to international standard specifications in order to offer to Industry, high quality products with excellent cost advantage.

Devi Polymers technical team have a combined experience of over 25 years in design, manufacture, quality control and service of BMC / SMC products and are readily available for technical consultation on the DURO-BOX range of polyester enclosures.

Devi Polymers is ISO 9000 certified company.

Lloyds Register type approved.

Product Presentation



DURO-BOX Polyester Enclosures

are " Hot press " moulded from Glass fibre Reinforced Polyester " Sheet Moulding Compound" (SMC).

SMC conforming to DIN 16911 type 803, or DIN 16913 type 834 - 834.5, "self extinguishing " Certified to UL 94 V-0.

The standard colour is " SILVER GREY " Conforming to RAL 7001.

Special colours e.g. Black, Red, etc., can be supplied on request.

Product Application

DURO-BOX Enclosures are designed for :

- Electrical machine and equipment manufacturers.
- Electronic equipment manufacturers.
- Control panel assembly.
- Outdoor installations especially in hostile / aggressive environments.
- Panel builders.
- Factory maintenance needs.

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1. HOW TO CHOOSE AN ENCLOSURE

Size is normally the first and most dominant criterion when looking for the right enclosure for a specific application, followed by Enclosure performance i.e. material performance.

Enclosures are generally intended to protect their contents from outside risks.

These risks can be of various kinds and are of decisive importance in the choice of an enclosure.

The main criterion for judging whether a housing meets the protection requirement is a clear definition of the risks to be expected in the environment where the enclosure is to be used.

These are the main conditions to be considered:-

- (a) Protection from contact and penetration by foreign bodies.
- (b) Protection from water penetration.
- (c) Resistance to chemicals.
- (d) Temperature resistance.
- (e) Impact resistance.
- (f) Corrosion resistance

2. PROTECTION MODES

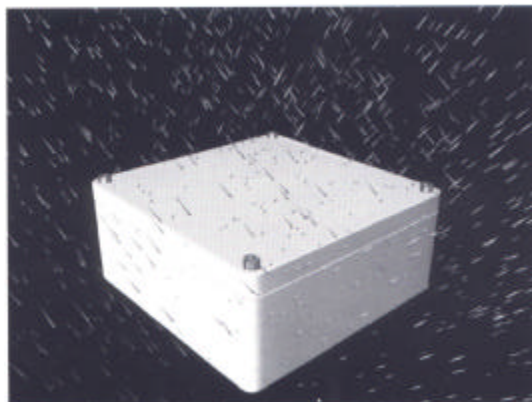
DURO-BOX enclosures are classified under the generally applicable guidelines of EN 60529 and IEC 529 protection classifications.

The protection classification is indicated by the prefix IP followed by two or three digits which define the level of protection.

The first digit indicates the protection level against contact and foreign bodies.





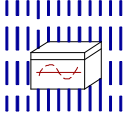
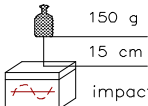
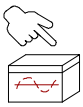
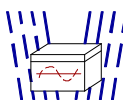
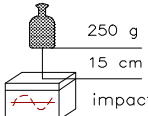

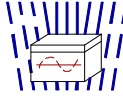
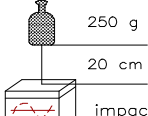

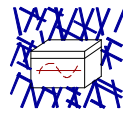
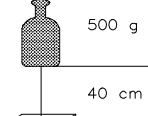
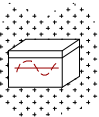
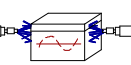
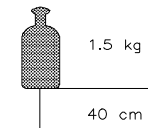
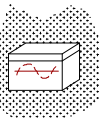
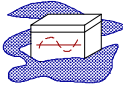
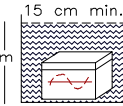
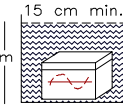
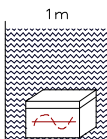
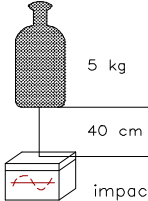
The second digit indicates the protection level against water.

Where applicable a third digit indicates the level of protection against impact.



THE IP DEGREES OF INGRESS PROTECTION

In the latest standard SFS - EN 60529 4:1992 concerning the IP degrees of enclosure protection of electrical equipment there are some changes particularly with regard to the testing and identification of protection against liquids. Up to the degree 6 the protection is understood to cover also the lower protection degrees. In degrees higher than 6 each degree is to be tested separately and marked accordingly, e.g. IP67 / IP66.

FIRST NUMBER Protection against solid objects		SECOND NUMBER Protection against liquids		THIRD NUMBER Protection against mechanical impacts.	
IP	TEST	IP	TEST	IP	TEST
0	 no protection	0	 no protection	0	 no protection
1	 Protected against solid objects up to 50 mm e.g. accidental touch by hands.	1	 Protected against vertically falling drops of water.	1	 impact 0.225 joule
2	 Protected against solid objects over 12 mm e.g. fingers.	2	 Protected against direct sprays of water up to 15° from the vertical.	2	 impact 0.375 joule
3	 Protected against solid objects over 2.5 mm (tools+small wires.)	3	 Protected against sprays to 60° from the vertical.	3	 impact 0.5 joule
4	 Protected against solid objects over 1 mm. (tools+small wires.)	4	 Protected against water sprayed from all directions –limited ingress permitted	5	 impact 2.0 joule
5	 Protected against dust – limited ingress permitted (no harmful deposits.)	5	 Protected against low pressure jets of water from all directions – limited ingress permitted	6	 impact 6.0 joule
6	 Totally protected against dust.	6	 Protected against strong jets of water e.g. for use on ship decks – limited ingress permitted	7	 Protected against the effects of immersion between 15 cm and 1 m.
		7	 Protected against the effects of immersion between 15 cm and 1 m.	8	 Protected against long periods of immersion under pressure
				9	 impact 20.0 joule

DURO-BOX Enclosures are rated for impact above 7 Joules.

3. RESISTANCE TO CHEMICALS

In deciding whether an enclosure will resist the effect of chemical substances, not only the material of the enclosure but also the types of seal (gasket) need to be taken into account.

Table I lists only the most important plastic enclosure and gasket materials with the chemicals most commonly encountered.

The table provides only guideline information regarding the resistance of these materials to the listed chemicals. In each case the concentrations and surrounding temperature need to be taken into account.

If combinations of chemicals occur, it is advisable to conduct specific tests to assess resistance.

TABLE I : CHEMICAL RESISTANCE OF MATERIALS

Sl. No	DESCRIPTION	ENCLOSURE MATERIAL			GASKET MATERIAL			
		Poly carbonate	ABS	Polyester	Poly Urethane	EPDM	Chloroprene	Silicone
1.	Acetone	-	-	-	-	V	V	+
2.	Formic acid	@ 30%	-	@ 10%	/	V	V	+
3.	Ammonia	-	-	-	/	V	V	V
4.	Benzene	+	-	V	V	+	V	V
5.	Benzole	-	-	V	V	-	-	-
6.	Brake fluid	-	/	V	/	-	+	V
7.	Butane	V	/	/	/	/	V	-
8.	Butanol	/	/	V	/	/	V	-
9.	Calcium chloride	V	/	V	/	/	/	/
10.	Chloric benzole	-	-	V	-	-	-	-
11.	Diesel oil	+	V	V	V	+	+	+
12.	Acetic acid	@ 10%	@ 10%	@ 40%	/	/	-	-
13.	Formaldehyde	/	+	@ 30%	/	/	-	V
14.	Frigen 113	V	/	V	/	/	V	/
15.	Fruit juice	V	/	V	V	V	V	V
16.	Glycerine	+	V	V	V	V	V	V
17.	Heating oil	+	+	V	V	+	+	+
18.	Hydraulic oil	V	/	V	/	/	V	+
19.	Caustic potash solution	-	/	-	/	/	V	/
20.	Potassium chloride	V	/	V	V	V	V	V
21.	Potassium hydroxide	/	V	-	-	V	V	+
22.	Linseed oil	V	/	V	V	V	V	+
23.	Methanol	-	/	-	/	/	V	V
24.	Methylene chloride	-	/	-	-	/	-	-
25.	Lactic acid	@ 10%	V	V	/	V	V	/
26.	Mineral oils	V	V	V	V	+	+	V
27.	Engine oils	V	/	V	V	+	+	V
28.	Sodium carbonate	V	/	V	/	/	/	/
29.	Sodium chloride	V	/	V	V	V	V	V
30.	Sodium hydroxide	/	V	-	-	V	V	+
31.	Soda lye	-	-	@ 40%	/	/	@ 50%	-
32.	Nitric acid	@ 10%	@ 30%	@ 10%	-	V	+	-
33.	Hydro chloric acid	@ 20%	@ 10%	V	-	V	V	/
34.	Lubricating oil	V	/	V	V	+	+	V
35.	Carbon disulphide	-	/	-	/	/	-	-
36.	Sulphuric acid	@ 50%	@ 30%	@ 70%	/	/	@ 50%	@ 25%
37.	Soap suds	+	/	V	+	/	V	V
38.	Detergent	V	/	/	+	+	V	V
39.	Turpentine oil	/	/	V	/	/	-	-
40.	Carbon tetra chloride	/	-	V	-	-	-	-
41.	Toluol	-	-	V	-	-	-	-
42.	Trichloroethylene	/	-	-	-	-	-	-
43.	Water	V	V	V	V	V	V	V
44.	Tartaric acid	@ 10%	/	V	V	V	V	V
45.	Xylol	-	-	V	-	-	-	-
46.	Zinc sulphide	V	/	V	/	V	V	V
47.	Citric acid	@ 10%	@ 10%	V	/	V	V	V

LEGEND

V	Resistant to all concentrations
@ %	Resistance to max. % concentration
C°	Resistance up to max. C°
+	Conditionally resistant
-	Not resistant.
/	No information available

4. COMPARISON TABLES :

TABLE II:- COMPARISON OF ENCLOSURE MATERIALS.				
SL. NO.	DESCRIPTION	POLY CARBONATE	ABS	GLASS FIBRE REINFORCED POLYESTER
1.	Outdoor use	X X X X	X	X X X X X
2.	Indoor use	X X X X X	X X X X X	X X X X X
3.	Salt water environments	X X X X X	X X	X X X X X
4.	Light weight	X X X X X	X X X X X	X X X
5.	High rigidity	X X X	X	X X X X
6.	Impact resistance	X X X X X	X X X	X X X X
CHEMICAL RESISTANCE				
7.	Neutral salts	X X X X X	X X X X	X X X X X
8.	Acids, low concentration	X X X X X	X X X X	X X X X X
9.	Acids, high concentration	X X X	X	X X X
10.	Alkalis, low concentration	X X X	X X X X X	X X X X
11.	Alkalis, high concentration	X	X X X X	X X X X
12.	Petroleum	X X X	X	X X X X X
13.	Hydraulic oil	X X X X X	X X X X X	X X X X X
14.	Alcohols	X X X X	X X X	X X X X
15.	Solvents	X	X	X X X X X
16.	Cooling fluids	X X X	X X X X X	X X X X X

LEGEND

- X X X X X - Excellent
- X X X X - Very good
- X X X - Good
- X X - Fair
- X - Poor

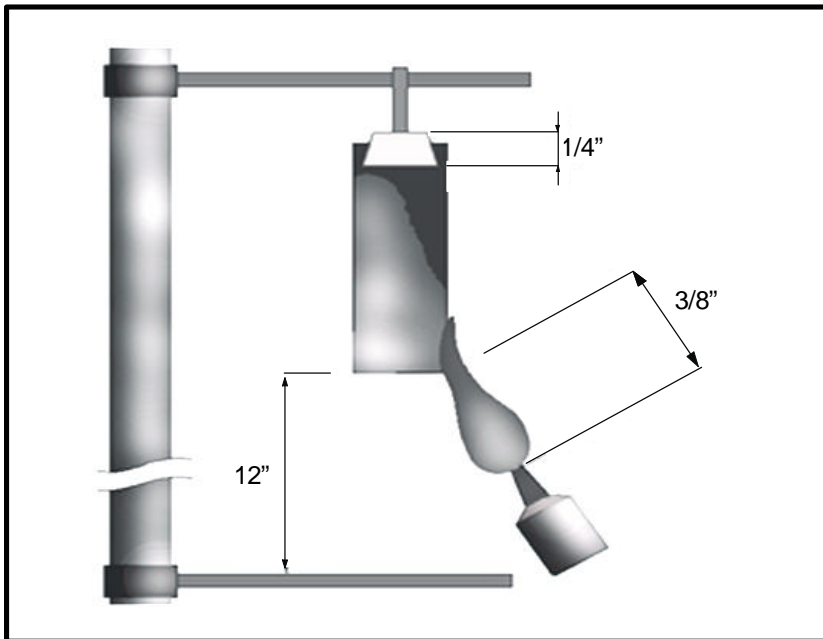
TABLE III:- GASKET MATERIALS - COMPARISON OF PHYSICAL PROPERTIES					
PROPERTY	UNIT	POLYURETHANE	EPDM	CHLOROPRENE	SILICONE
Temperature range	°C	-50 to +130	-50 to +120	- 40 to + 100	-60 to +170
Tensile strength	MPa	0.4	13.0	8.0	9.4
Elongation at break	%	110	300	250	540
Hardness	Shore 'A'	12	65	66	52
Density	g/cm ³	0.33	1.12	0.4 to 0.7	1.15
Compression set	%	5	20	35	14

5. UL 94 FLAMMABILITY CLASSIFICATION TESTS FOR PLASTIC MATERIALS

UL 94 is the standard applied by the American Underwriters' Laboratories for the testing of the flammability and fire safety of plastic materials used in devices and appliances. In the UL 94 HB (Horizontal Burning) test the burning of a horizontal test specimen is tested and in the most demanding UL 94V (Vertical Burning) tests the burning of a vertical test specimen. Precise details of the equipment, conditions and test systems to be used can be found in the UL 94 standard.

VERTICAL BURNING TEST FOR FLAMMABILITY CLASSIFICATION UL 94 V-0 / V-1 / V-2.

The test specimen length is 5" (127 mm) and width 0.5" (12.7 mm). The sheet to be tested can not be more than 0.5" (12.7 mm) thick. The sheet is fixed $\frac{1}{4}$ " from the upper end in the vertical position. A metal mesh covered with surgical cotton is positioned 12" (305 mm) beneath the test sheet. The flame of the burner used is adjusted so that it forms a $\frac{3}{8}$ " blue flame. The flame is directed from below at the lower edge of the plastic sheet at a distance of $\frac{3}{8}$ " (9.5 mm). The flame is applied for 10 seconds after which it is removed. The burning time of the test specimen is recorded. Immediately the burning stops the flame is reapplied for 10 seconds. After removal of the flame the burning time and afterglow time are again noted. The entire test is carried out on five different test specimens.



UL 94 V. Test trial arrangement

The material is UL V-0 classified if

- A) None of the five test specimens burn for over 10 seconds at any time when the burner flame is removed.
- B) The total burning time of the ignition test does not exceed 50 seconds.
- C) No test specimen burns either with a flame or afterglow to the clamp.
- D) No burning drops should fall which would cause the cotton underneath to ignite from any test specimen.
- E) The afterglow burning of no test specimen exceeds 30 seconds.

Polyester used for DURO-BOX Enclosures are Certified for UL 94 V-0.

Description**Body :**

Glass fibre reinforced polyester. Cover and base fastened by captive lid screws in stainless steel.

Seal :

Tongue and groove system with CR seal as standard. Special silicone rubber seal available to customer requirement.

Internal mounting & Hinged version :

Mounting plate in galvanised sheet steel.

Polyamide / Stainless Steel hinge pair available as accessories.

Mounting of Enclosure :

Screw channels outside the sealing lip. External brackets in Polyamide / Stainless Steel available as accessories.

Assembly :

With DIN rails, terminal blocks and cable glands, as per customer requirement.

Service :

Drilling, Milling, etc. will be carried out as per customer requirement.

Technical Data

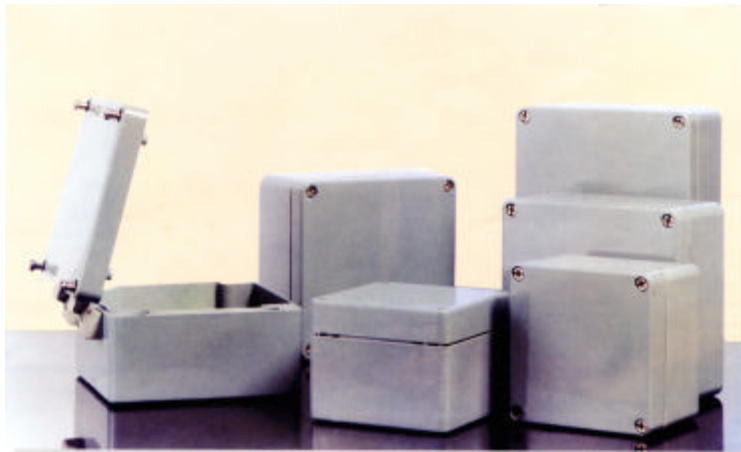
Material	:	Glass fibre Reinforced Polyester, Conforming to DIN 16911 type 803 or DIN 16913 type 834- 834.5.
Protection Classification	:	IP 66 - EN 60529.
Impact resistance	:	> 7 Nm, EN 50014.
Flammability	:	V O / Self - extinguishing, UL 94 V-0.
Protective insulation	:	Fully insulated to VDE 0100.
Seal	:	- 40 °C to +100 °C, CR (Chloroprene rubber) seal, Solid foam, Round section.
Dielectric strength	:	>10 Kv/mm.
Water absorption	:	Max. 0.7 %, ASTM D 570.
Toxicity	:	Halogen - free.
Surface resistance	:	>10 ¹² ohm DIN 53482.
Colour	:	Silver Grey, RAL7001; Special colours available on request.

I. Enclosures – Standard International Range

Type of Enclosure	Size W X L X H (mm)
PG 120 122 090	120 X 122 X 90
PG 120 220 090	120 X 220 X 90
PG 160 160 090	160 X 160 X 90
PG 160 260 090	160 X 260 X 90
PG 250 255 120	250 X 255 X 120
PG 250 400 120	250 X 400 X 120
PG 360 360 090	360 X 360 X 90
PG 405 400 120	405 X 400 X 120

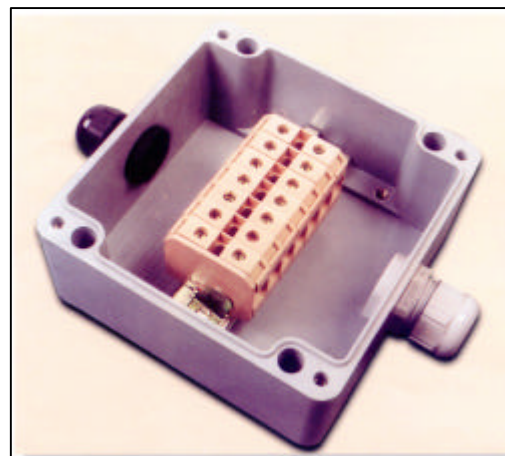
II. Enclosures – Special Multipurpose Range

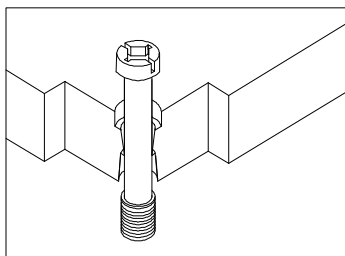
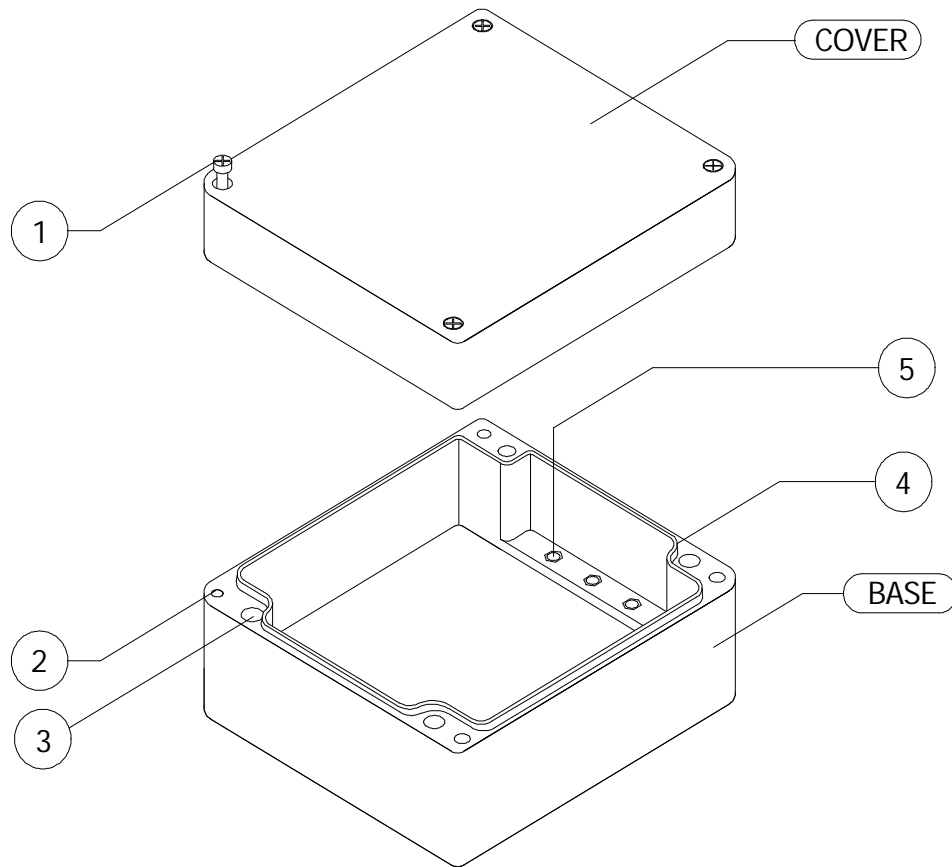
Type of Enclosure	Size W X L X H (mm)
PG 420 270 180	420 X 270 X 180
PG 420 370 210	420 X 370 X 210
PG 600 420 210	600 X 420 X 210



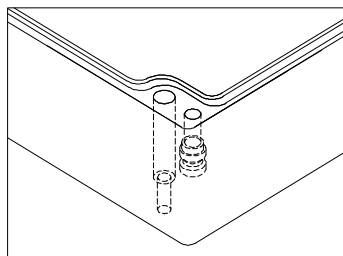
Enclosures - Standard International Range

<i>Weidmüller</i>	AKZ 1.5	AKZ 4	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35
Terminal rail TS 32			X	X	X	X	X						
Terminal rail TS 35								X	X	X	X	X	X
Bridgeable	X	X	X	X	X	X	X	X	X	X	X	X	X
Connection cross-section (mm) Fine wire	1.5	4	2.5	4	6	16	35	4	6	10	16	16	35
Connection cross-section (mm) Single wire	1.5	4	4	6	10	16	16	4	6	10	16	16	16
Nominal voltage (V)	250	380	750	750	750	750	750	750	750	750	750	750	750
Load (A)	18	34	26	34	44	82	135	26	34	44	61	82	135
Width of terminals (mm)	5	6	6	6.5	8	12	18	5	6	8	10	12	16
Type of enclosure	Number per rail												
PG 120 122 090			12	11	9	6	4	14	12	9	7	6	4
PG 120 220 090			28	26	21	14	9	34	28	21	17	14	10
PG 160 160 090			18	16	13	9	6	21	18	13	10	9	6
PG 160 260 090			34	32	26	17	11	41	34	26	20	17	12
PG 160 360 090			51	47	38	25	17	61	51	38	30	25	18
PG 160 560 090			85	78	63	42	28	102	85	63	51	42	31
PG 250 255 120 *			33	31	25	16	11	40	33	25	20	16	12
PG 250 255 160 *			33	31	25	16	11	40	33	25	20	16	12
PG 250 400 120 *			58	53	43	29	19	70	58	43	35	29	21
PG 250 400 160 *			58	53	43	29	19	70	58	43	35	29	21
PG 250 600 120 *			91	84	68	45	30	109	91	68	54	45	33
PG 360 360 090 **			51	47	38	25	17	61	51	38	30	25	18
PG 405 400 120 **			58	53	43	29	19	70	58	43	35	29	21
* When using terminal blocks of up to 16 mm, maximum of 2 terminal rails possible (double number)													
** When using terminal blocks of up to 10 mm, maximum of 3 terminal rails possible (triple number)													

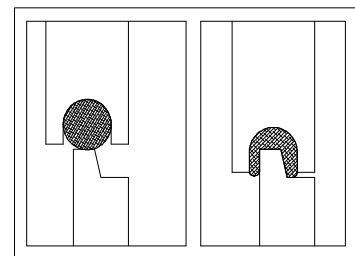




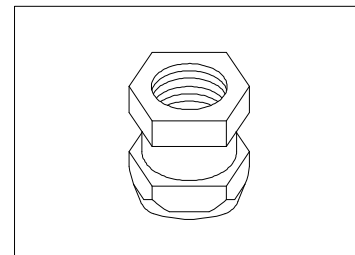
1. Captive stainless steel screws for fixing cover to base 4 off per set.



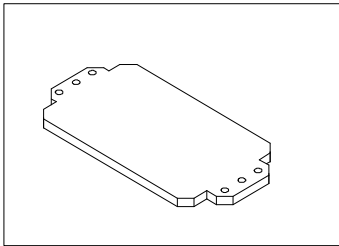
2. Moulded S.S inserts to receive stainless steel captive cover fixing screws
3. Wall mounting details provided outside the sealing Lip.



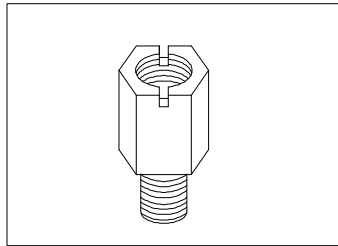
4. Base and cover sealed using the tongue and groove system.



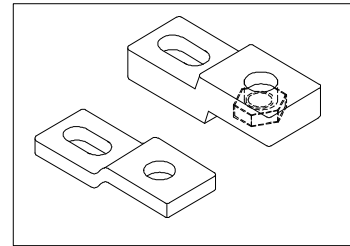
5. Moulded inserts to receive mounting plate / DIN Rails / Earthing strip.



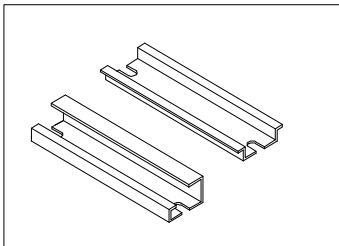
1. Mounting plate in galvanized sheet metal.



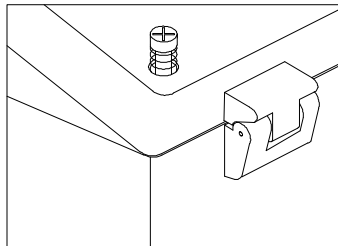
2. Mounting Plate Spacers (4) in Brass Nickel with SS washers to raise the mounting Plate by 12 mm.



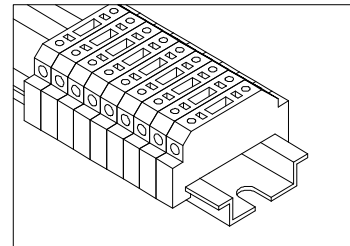
3. External mounting brackets (4) in PolyAmide / SS-304.



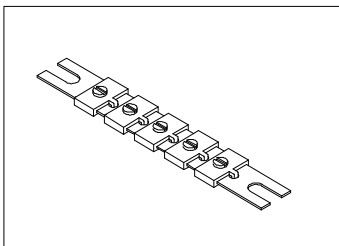
4. DIN rails for fixing terminal blocks. (TS 32/ TS 35)



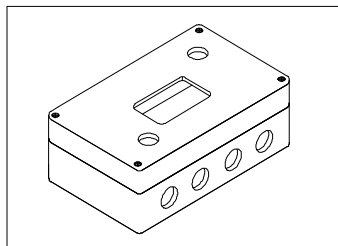
5. External hinge (pair) in polyamide / SS - 304 opening to appr. 150°.



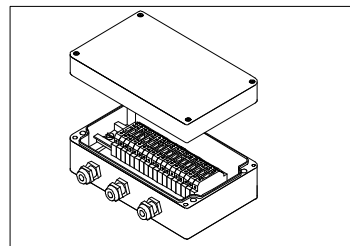
6. Terminal blocks provided as per customer requirements.



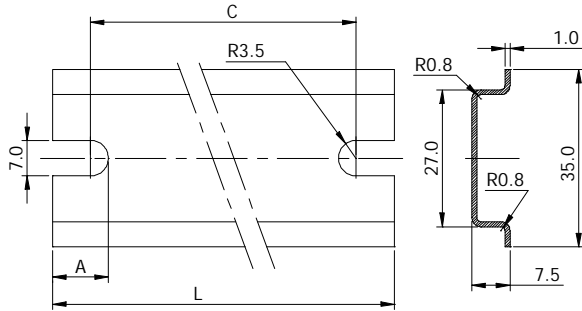
7. Earthing strip.



8. Special machining service as per customer requirement.

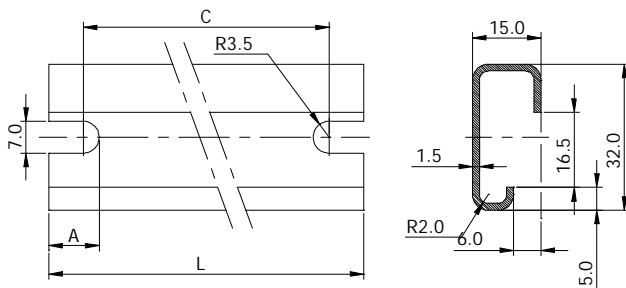


9. Enclosures fitted with terminal blocks and cable glands as per customer requirements.



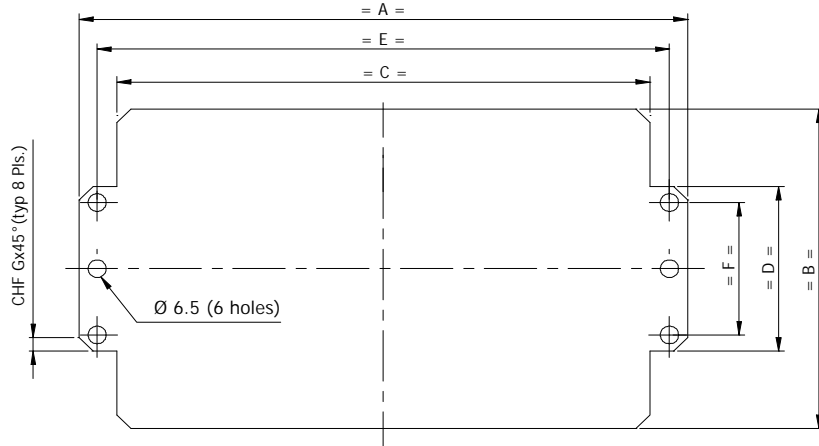
TYPE : DIN EN 50022 - TS 35 x 7.5
 MATERIAL : Mild steel sheet 1mm thickness.
 FINISH : Zinc plating & Chrome passivation.

Sl. No.	Type No.	Base size.	A	C	L	Drg. No.
		mm				
1.	PG 120 122 090	120x122x065	11	93	108	EEN00201
2.	PG 120 220 090	120x220x065	11	191	206	EEN00202
3.	PG 160 160 090	160x160x070	11	130	145	EEN00203
4.	PG 160 260 090	160x260x070	11	230	245	EEN00204
5.	PG 160 360 090	160x360x070	11	330	345	EEN00205
6.	PG 160 560 090	160x560x070	11	530	545	EEN00206
7.	PG 250 255 120	250x255x095	11	224	239	EEN00207
8.	PG 250 255 160					
9.	PG 250 400 120	250x400x095	11	369	384	EEN00208
10.	PG 250 400 160					
11.	PG 250 600 120	250x600x095	11	569	584	EEN00209
12.	PG 360 360 090	360x360x070	11	330	345	EEN00205
13.	PG 405 400 120	405x400x095	11	369	384	EEN00208



TYPE : DIN EN 50035 - TS 32 x 15
 MATERIAL : Mild steel sheet 1.5mm thickness.
 FINISH : Zinc plating & Chrome passivation.

Sl. No.	Type No.	Base size.	A	C	L	Drg. No.
		mm				
1.	PG 120 122 090	120x122x065	11	93	108	EEN00301
2.	PG 120 220 090	120x220x065	11	191	206	EEN00302
3.	PG 160 160 090	160x160x070	11	130	145	EEN00303
4.	PG 160 260 090	160x260x070	11	230	245	EEN00304
5.	PG 160 360 090	160x360x070	11	330	345	EEN00305
6.	PG 160 560 090	160x560x070	11	530	545	EEN00306
7.	PG 250 255 120	250x255x095	11	224	239	EEN00307
8.	PG 250 255 160					
9.	PG 250 400 120	250x400x095	11	369	384	EEN00308
10.	PG 250 400 160					
11.	PG 250 600 120	250x600x095	11	569	584	EEN00309
12.	PG 360 360 090	360x360x070	11	330	345	EEN00305
13.	PG 405 400 120	405x400x095	11	369	384	EEN00308

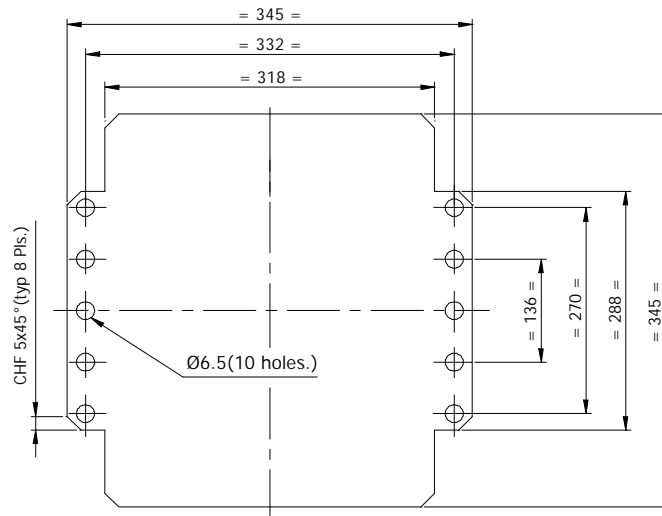


Sl. No.	Type of Enclosure	Dimensions in mm								Matl.	Drg. No.
		A	B	C	D	E	F	G	T		
1.	PG 120 122 090	111	109	88	64	95	52	4	1.5	M.S	EEN00800
2.	PG 120 220 090	209	109	186	64	193	52	4	1.5	M.S	EEN01400
3.	PG 160 160 090	145	145	118	88	132	76	5	1.5	M.S	EEN00900
4.	PG 160 260 090	245	145	218	88	232	76	5	1.5	M.S	EEN01500
5.	PG 160 360 090	345	145	318	88	332	76	5	2.0	M.S	EEN01600
6.	PG 250 255 120	240	234	213	177	227	100	5	1.5	M.S	EEN01800
7.	PG 250 255 160										
8.	PG 250 400 120	384	234	357	177	372	100	5	2.0	M.S	EEN01900
9.	PG 250 400 160										
10.	PG 405 400 120	384	389	357	332	372	250	5	2.0	M.S	EEN02200

T = Thickness

MATERIAL : (M.S) - Mild Steel sheet

FINISH : Zinc plating and Chrome passivation.

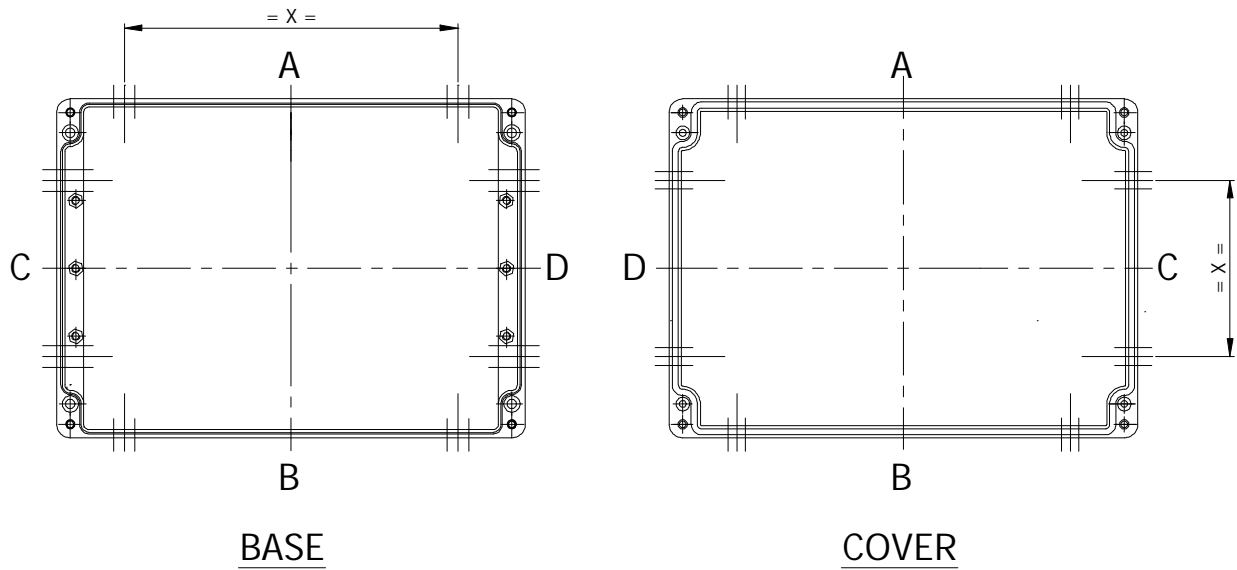


MOUNTING PLATE FOR ENCLOSURE PG 360 360 090

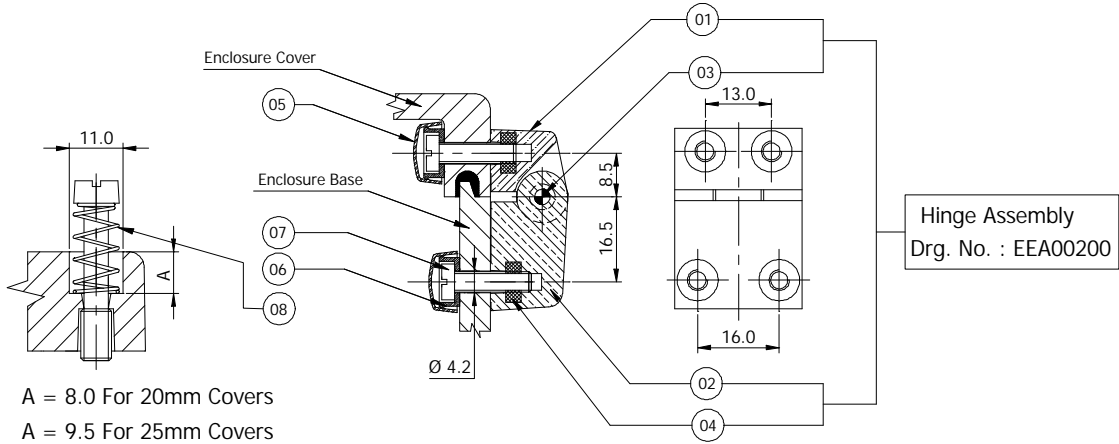
MATERIAL : Mild Steel Sheet 2.0 mm thick.

FINISH : Zinc plating and Chrome passivation.

Drg. No. : EEN02100



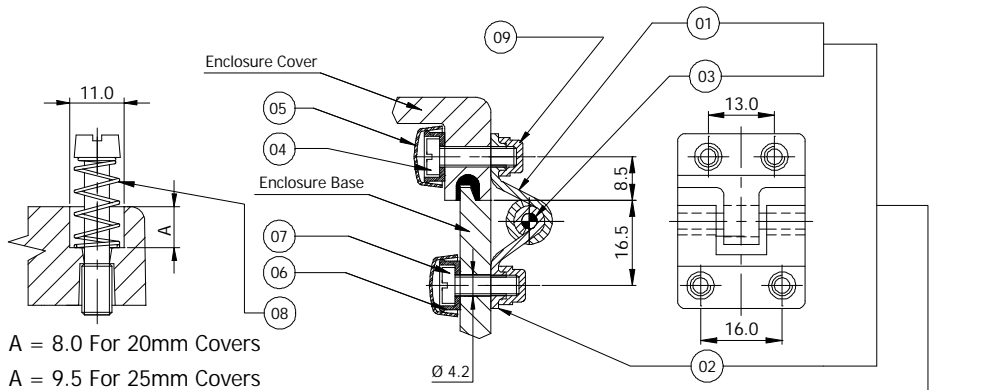
Sl. No.	Type of Enclosure	Size (mm)	Fixing centres (X) for hinges (mm)	
			Side A/B	Side C/D
1.	PG 120 122 090	120X122X90	50	30
2.	PG 120 220 090	120X220X90	145	30
3.	PG 160 160 090	160X160X90	70	40
4.	PG 160 260 090	160X260X90	170	40
5.	PG 160 360 090	160X360X90	260	40
6.	PG 160 560 090	160X560X90	460	40
7.	PG 250 255 120	250X255X120	160	130
8.	PG 250 255 160	250X255X160	160	130
9.	PG 250 400 120	250X400X120	300	130
10.	PG 250 400 160	250X400X160	300	130
11.	PG 250 600 120	250X600X120	500	130
12.	PG 360 360 090	360X360X90	240	240
13.	PG 405 400 120	405X400X120	300	280



A = 8.0 For 20mm Covers
 A = 9.5 For 25mm Covers

SI.No.	Drg. No	DESCRIPTION	QTY	MATERIAL
10	EEY00100	Hinge fixing instruction note	1	--
09	EEN03600	Sticker templete for drilling	2	Polyethylene
08	EEN03100	Spring	4	SS-304
07	EXS00201	Std. M4x15 Ch. Hd. Screw	8	SS-304
06	EEN03300	Cup Washer	8	Polypropylene
05	EEN03200	Insulation Cap	8	Polypropylene
04	EXS00101	Std M4 x 3 Nut	8	SS-304
03	EES00101	Spiral Dowel	2	SS-304
02	EEN00600	Bottom Hinge	2	Polyamide
01	EEN00700	Top Hinge	2	Polyamide

HINGE ASSEMBLY KIT - POLYAMIDE
 Drg. No. : EEA00700

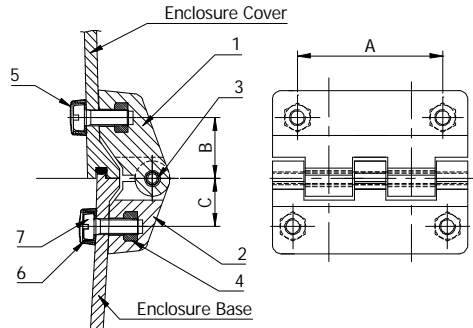


A = 8.0 For 20mm Covers
 A = 9.5 For 25mm Covers

SI.No.	Drg. No	DESCRIPTION	QTY	MATERIAL
11	EEY00100	Hinge fixing instruction note	1	--
10	EEN03600	Sticker templete for drilling	2	Polyethylene
09	EEN05600	Hinge screw outside cap	8	Polypropylene
08	EEN03100	Spring	4	SS-304
07	EXS00205	Std. M4x10 Ch. Hd. Screw	4	SS-304
06	EEN03300	Cup Washer	8	Polypropylene
05	EEN03200	Insulation Cap	8	Polypropylene
04	EXS00206	Std. M4x12 Ch. Hd. Screw	4	Std. SS-304
03	EES00101	Spiral Dowel	2	Std. SS-304
02	EEN04700	Bottom Hinge	2	SS-304
01	EEN04600	Top Hinge	2	SS-304

Hinge Assembly
 Drg. No. : EEA00201

HINGE ASSEMBLY KIT - SS-304
 Drg. No. : EEA03500

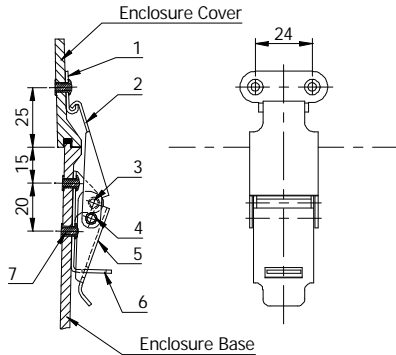


GEA00402	29	19	15
GEA00401	28	18.5	15
Assy. No.	A	B	C

07	EXS00201	GEA00401 and GEA00402	Std. M4x15 Ch. Hd. Screw	12	SS-304
06	EEN03300		Cup Washer	12	Polypropylene
05	EEN03200		Insulation Cap	12	Polypropylene
04	EXS00101		Std M4 x 3 Nut	12	SS-304
03	EES00102		Spiral Dowel	3	SS-304
02	GEN00201	GEA00402	Bottom Hinge	3	Polyamide
	GEN00200	GEA00401			
01	GEN00101	GEA00402	Top Hinge	3	Polyamide
	GEN00100	GEA00401			
S.No	Drg. No	Assy Drg. No	DESCRIPTION	QTY	MATERIAL

HINGE ASSEMBLY KIT - POLYAMIDE	
Drg No. : GEA00401	For Enclosure PG 420 270 180
Drg No. : GEA00402	For Enclosure PG 420 370 210 and PG 600 420 210

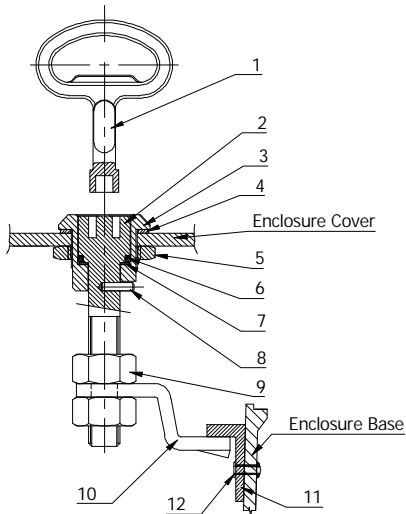
Note : 1) For Fixing centers refer respective drawings
2) Kit comprises of 3 sets of above details



7	Rivet Ø 4x9	GEN01001	8	SS-304
6	Draw Latch Base	GEN01200	2	SS-304
5	Lever	GEN01100	2	SS-304
4	Rivet - Ø 3x30	GEN01003	2	SS-304
3	Rivet - Ø 3x26	GEN01002	2	SS-304
2	Latch	GEN00900	2	SS-304
1	Keeper	GEN00800	2	SS-304
Sl.No	DESCRIPTION	Drg No.	QTY	MATERIAL

Note : 1) For Fixing centers refer respective drawings
2) Kit comprises of 2 sets of above details

DRAW LATCH ASSY. KIT	Drg No. : GEA00500
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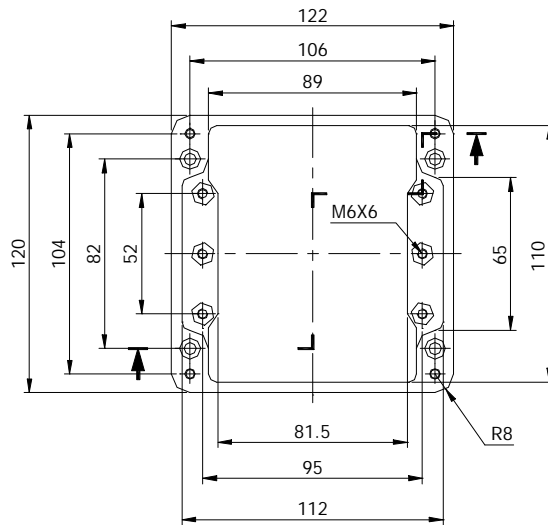
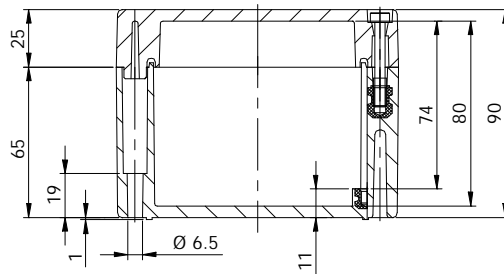


12	Rivet Ø 3x12	GEN01004	4	SS-304
11	Lock Bracket	GEN02000	2	P.A / IS-1079 DD
10	Lever	GEN01900	2	IS-1079 DD
9	Std Nut - M10x9	EXS00104	4	M.S
8	Dowel Pin	GEN02100	2	Std.
7	Wavy Washer	GEN01800	2	SS-304
6	'O' Ring	GEN01700	2	Syn. Rubber
5	Lock Nut - M22x4	GEN00800	2	En-1A
4	Washer	GEN01600	2	EPDM
3	Lock Housing	GEN01500	2	Polyamide
2	Plunger	GEN01400	2	White Brass
1	Key	GEN01300	1	En-8T
Sl.No	DESCRIPTION	Drg No.	QTY	MATERIAL

GRIP LOCK ASSY. KIT	Drg No. : GEA00600
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Note : 1) For Fixing centers refer respective drawings
2) Kit comprises of 2 sets of above details

Enclosure Type : PG 120 122 090		Size : 120 X 122 X 90			Weight : 745 g.	
COVER	EEC02700 / A - Standard Grey			BASE	EEC01100 / A - Standard Grey	
	EEC02700 / B - High visibility yellow					



CABLE GLANDS		
Max. No. of cable glands		
PG	AL / BL	CW / DW
7	--	--
9	8	6
11	5	3
13.5	4	3
16	3	2
21	2	1
29	2	1
36	1	1
42	--	--
48	--	--

STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02800
Std. C/R Gasket	EEN03701
Alt. Silicon Gasket	EEN04801

ACCESSORIES	
TERMINAL RAIL	
TS 32	EEN00301
TS 35	EEN00201

MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN00800
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400

MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200

HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

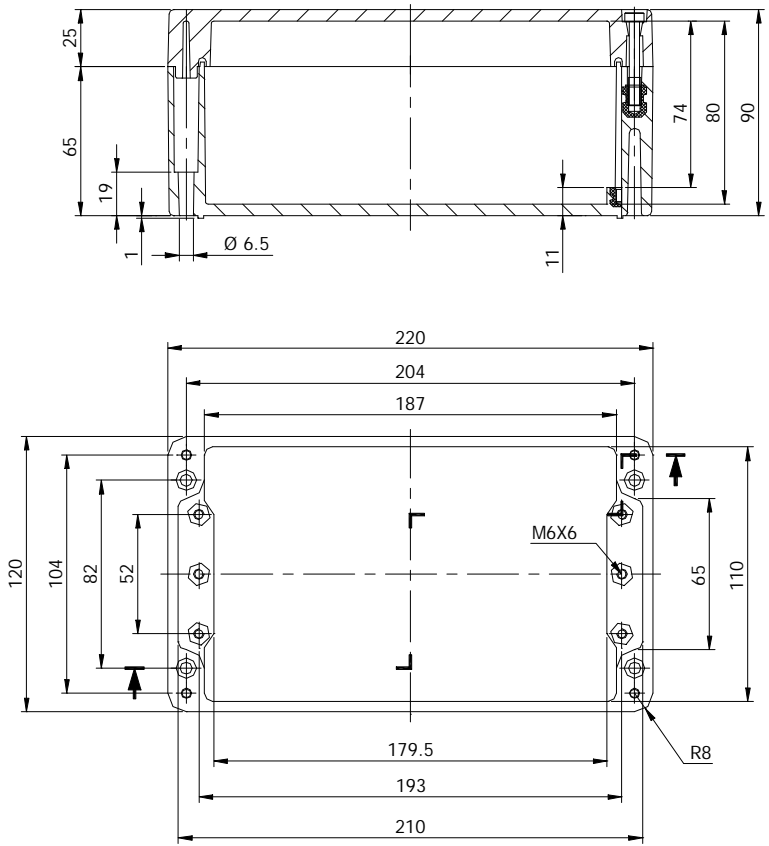
ASSEMBLY WITH TERMINALS

Length of DIN Rail 110mm

Maximum Rail capacity 94mm

Terminal Blocks	WEIDMULLER											PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UIK 16	UIK 35	
Technical Information																		
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35	
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35	
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800	
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125	
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2	
Max. no of Terminals in Rail - TS 32	14	12	10	6	4	--	--	--	--	--	--	12	12	10	8	6	4	
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	16	14	10	8	6	4							
Max. no of Terminal rails possible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Enclosure Type : PG 120 220 090		Size : 120 X 220 X 90		Weight : 1060 g.	
COVER	EEC02800 / A - Standard Grey		BASE	EEC01200 / A - Standard Grey	
	EEC02800 / B - High visibility yellow				



CABLE GLANDS		
Max. No. of cable glands		
AL		
CW		DW
BL		
PG	AL / BL	CW / DW
7	--	--
9	17	6
11	14	3
13.5	11	3
16	8	2
21	5	1
29	4	1
36	3	1
42	--	--
48	--	--

STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02800
Std. C/R Gasket	EEN03702
Alt. Silicon Gasket	EEN04802

ACCESSORIES	
TERMINAL RAIL	
TS 32	EEN00302
TS 35	EEN00202
MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN01400
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400

MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200

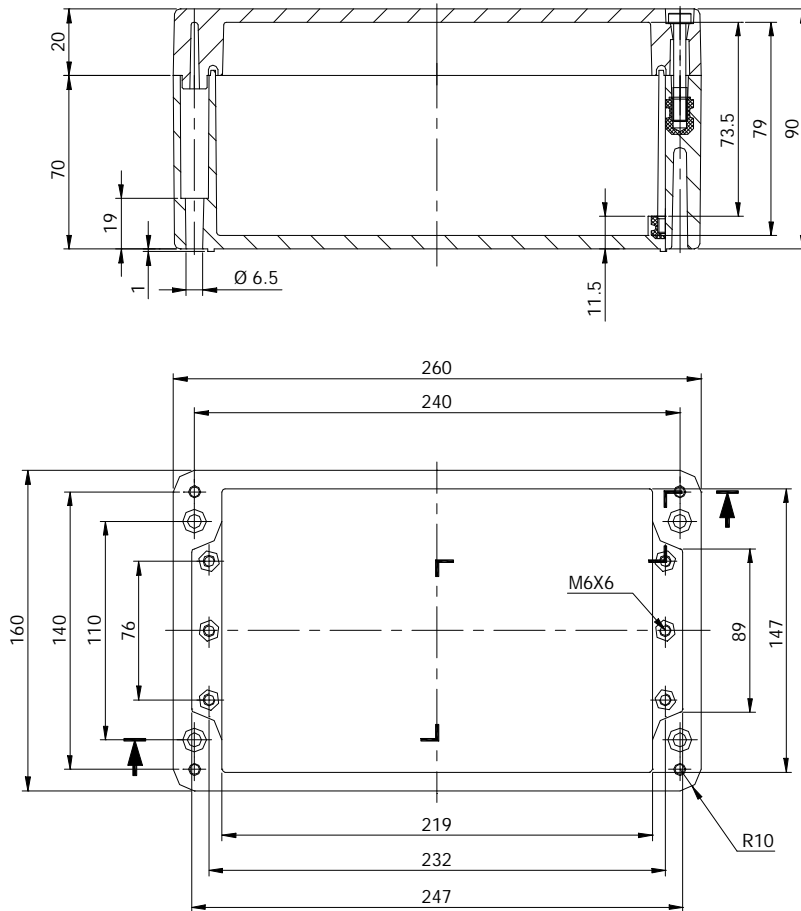
HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

ASSEMBLY WITH TERMINALS																		
Length of DIN Rail 208mm						Maximum Rail capacity 192mm												
Terminal Blocks	WEIDMULLER											PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UK 16	UK 35	
Technical Information																		
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35	
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35	
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800	
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125	
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2	
Max. no of Terminals in Rail - TS 32	30	28	22	14	10	--	--	--	--	--	--	28	28	22	16	14	10	
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	36	30	22	18	14	10							
Max. no of Terminal rails possible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Dimensions and types - Standard International Range

DURO-BOX Enclosures

Enclosure Type : PG 160 260 090		Size : 160 X 260 X 90		Weight : 1700 g.	
COVER	EEC03000 / A - Standard Grey		BASE	EEC01400 / A - Standard Grey	
	EEC03000 / B - High visibility yellow				



CABLE GLANDS		
Max. No. of cable glands		
	AL	
CW		DW
	BL	
PG	AL / BL	CW / DW
7	--	--
9	26	8
11	16	6
13.5	15	6
16	12	4
21	6	3
29	4	2
36	3	1
42	3	1
48	--	--

STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02900
Std. C/R Gasket	EEN03402
Alt. Silicon Gasket	EEN04902

ACCESSORIES		
TERMINAL RAIL		
TS 32		EEN00304
TS 35		EEN00204

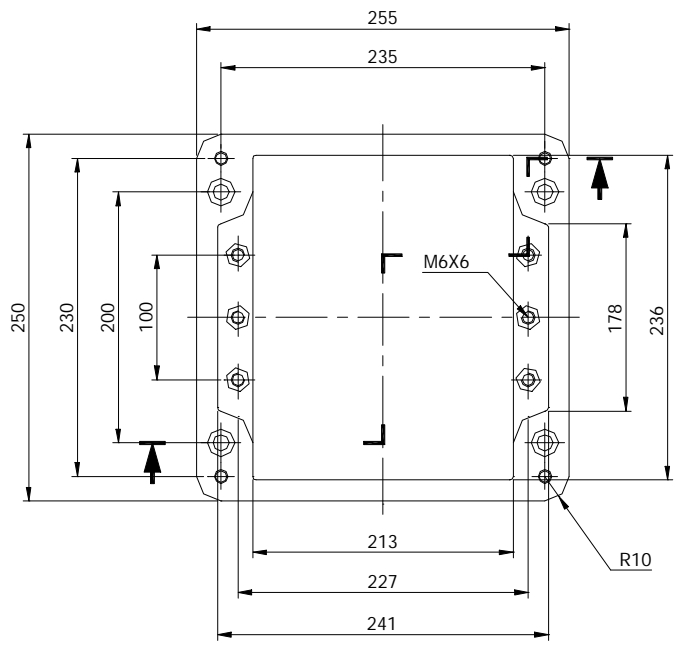
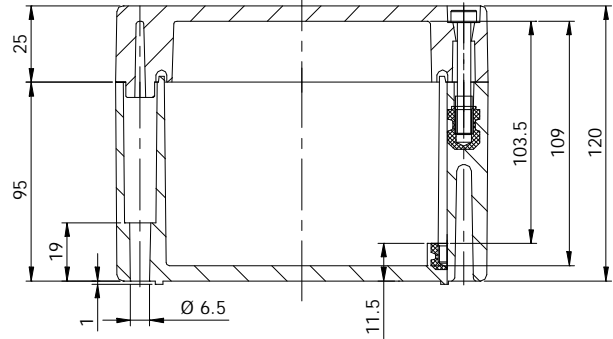
MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN01500
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400

MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200

HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

ASSEMBLY WITH TERMINALS																		
Length of DIN Rail 245mm								Maximum Rail capacity 228mm										
Terminal Blocks	WEIDMULLER											PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UJK 16	UJK 35	
Technical Information																		
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35	
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35	
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800	
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125	
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2	
Max. no of Terminals in Rail - TS 32	36	32	26	18	12	--	--	--	--	--	--	34	34	26	20	16	14	
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	42	36	26	20	18	12							
Max. no of Terminal rails possible	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Enclosure Type : PG 250 255 120		Size : 250 X 255 X 120		Weight : 2600 g.	
COVER	EEC03300 / A - Standard Grey		BASE	EEC01700 / A - Standard Grey	
	EEC03300 / B - High visibility yellow				



CABLE GLANDS

Max. No. of cable glands

PG	AL / BL	CW / DW
7	--	--
9	30	25
11	24	21
13.5	21	18
16	18	14
21	10	8
29	5	4
36	3	3
42	1	1
48	--	--

STD. ASSEMBLY PARTS

DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02800
Std. C/R Gasket	EEN03403
Alt. Silicon Gasket	EEN04903

ACCESSORIES

TERMINAL RAIL

TS 32		EEN00307
TS 35		EEN00207

MOUNTING PLATE - (M.P)

M.P 1.5mm thick	EEN01800
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400

MOUNTING BRACKET KIT

Polyamide	EAA00400
Stainless steel	EAA03200

HINGE ASSEMBLY KIT

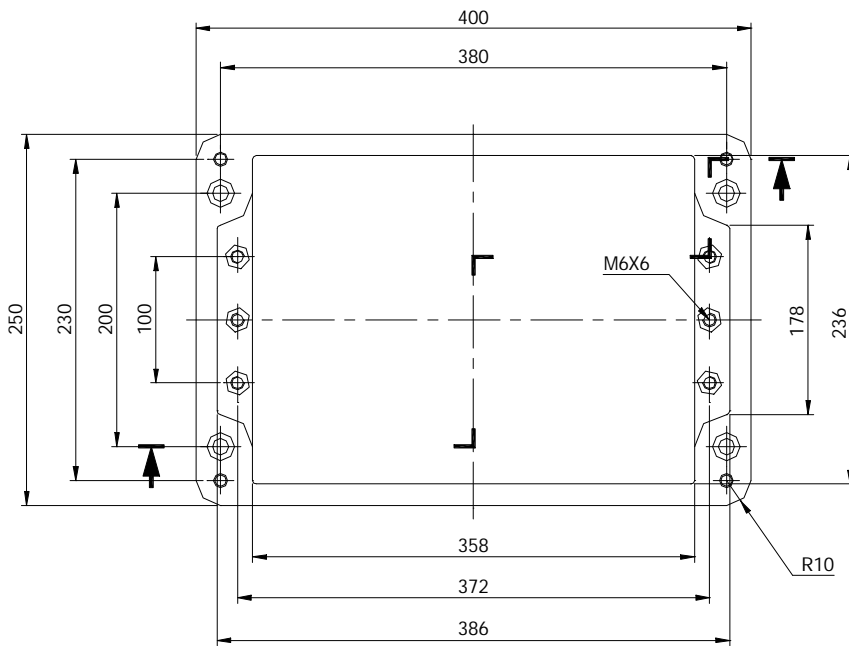
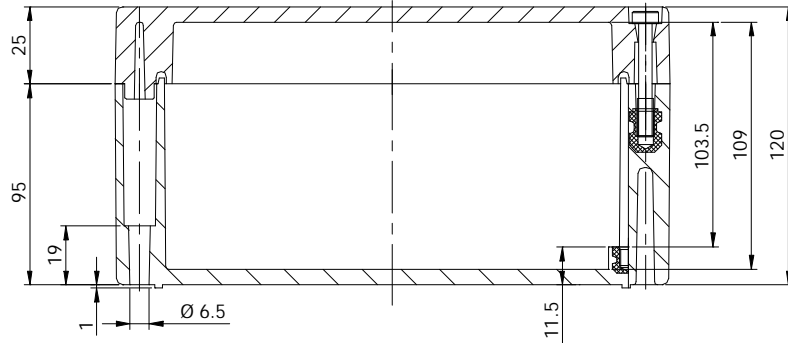
Polyamide	EAA00700
Stainless steel	EAA03500

ASSEMBLY WITH TERMINALS

Length of DIN Rail 238mm	Maximum Rail capacity 224mm
--------------------------	-----------------------------

Terminal Blocks	WEIDMULLER										PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UIK 16	UIK 35
Technical Information																	
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2
Max. no of Terminals in Rail - TS 32	34	32	26	16	12	--	--	--	--	--	--	34	34	26	20	16	14
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	42	34	26	20	16	12						
Max. no of Terminal rails possible	2	2	2	1	1	2	2	2	2	1	1	2	2	2	2	1	1

Enclosure Type : PG 250 400 120		Size : 250 X 400 X 120		Weight : 3600 g.	
COVER	EEC03500 / A - Standard Grey		BASE	EEC01800 / A - Standard Grey	
	EEC03500 / B - High visibility yellow				



CABLE GLANDS		
Max. No. of cable glands		
	AL	DW
	BL	
PG	AL / BL	CW / DW
7	--	--
9	50	25
11	38	21
13.5	36	18
16	30	14
21	17	8
29	8	4
36	6	3
42	3	1
48	2	1

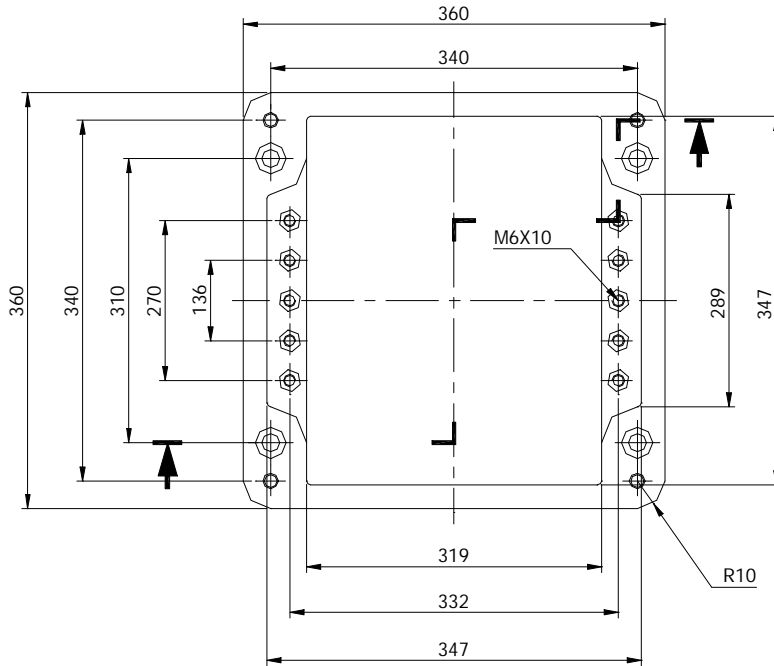
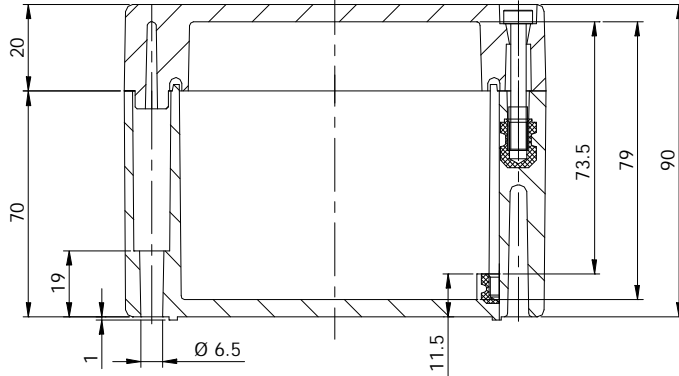
STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02800
Std. C/R Gasket	EEN03404
Alt. Silicon Gasket	EEN04904

ACCESSORIES	
TERMINAL RAIL	
TS 32	EEN00308
TS 35	EEN00208
MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN01900
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400
MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200

HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

ASSEMBLY WITH TERMINALS																	
Length of DIN Rail 384mm	Maximum Rail capacity 368mm																
Terminal Blocks	WEIDMULLER										PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UK 16	UK 35
Technical Information	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35
Fine Wire cross section (mm ²)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800
Nominal Volts (V)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125
Load (Amps.)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2
Width of Terminals (mm)	58	54	44	28	22	--	--	--	--	--	--	56	56	42	34	28	22
Max. no of Terminals in Rail - TS 32	--	--	--	--	--	70	58	44	34	28	22						
Max. no of Terminals in Rail - TS 35	2	2	2	1	1	2	2	2	2	1	1	2	2	2	2	1	1
Max. no of Terminal rails possible																	

Enclosure Type : PG 360 360 090		Size : 360 X 360 X 90		Weight : 3600 g.	
COVER	EEC03800 / A - Standard Grey		BASE	EEC02000 / A - Standard Grey	
	EEC03800 / B - High visibility yellow				



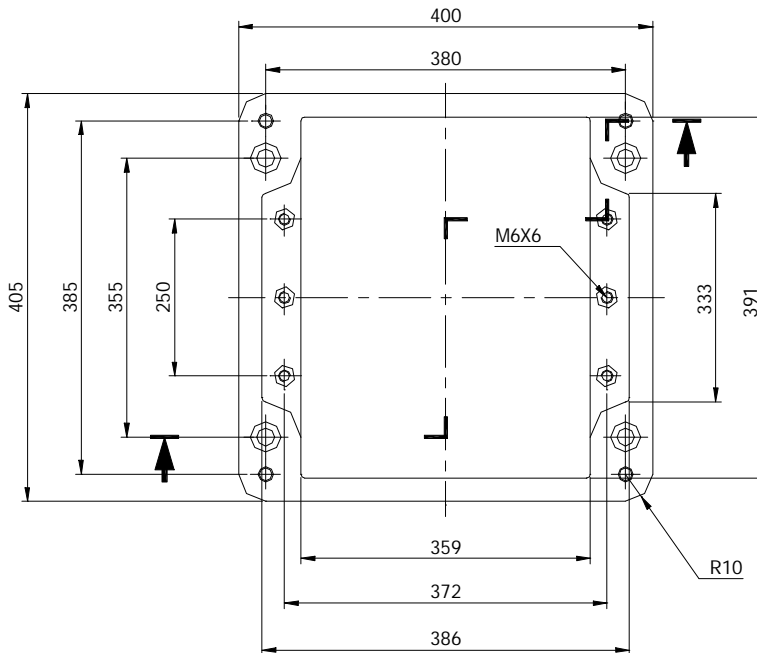
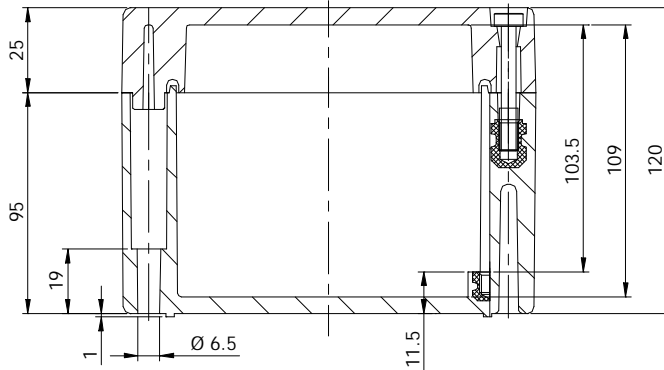
CABLE GLANDS		
Max. No. of cable glands		
	AL	DW
	AL	DW
	BL	
PG	AL / BL	CW / DW
7	--	--
9	40	28
11	28	24
13.5	26	20
16	20	18
21	10	8
29	6	6
36	5	4
42	4	3
48	2	2

STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02900
Std. C/R Gasket	EEN03405
Alt. Silicon Gasket	EEN04905

ACCESSORIES	
TERMINAL RAIL	
TS 32	EEN00305
TS 35	EEN00205
MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN02100
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400
MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200
HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

ASSEMBLY WITH TERMINALS		Length of DIN Rail 345mm											Maximum Rail capacity 328mm					
Terminal Blocks	WEIDMULLER											PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UJK 16	UJK 35	
Technical Information	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35	
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35	
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35	
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800	
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125	
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2	
Max. no of Terminals in Rail - TS 32	52	48	38	26	18	--	--	--	--	--	--	50	50	38	30	26	20	
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	62	52	38	30	26	18							
Max. no of Terminal rails possible	2	2	2	1	1	2	2	2	2	1	1	2	2	2	2	1	1	

Enclosure Type : PG 405 400 120		Size : 405 X 400 X 120		Weight : 5550 g.	
COVER	EEC03900 / A - Standard Grey		BASE	EEC02100 / A - Standard Grey	
	EEC03900 / B - High visibility yellow				



CABLE GLANDS		
Max. No. of cable glands		
PG	AL / BL	CW / DW
7	--	--
9	50	42
11	38	34
13.5	36	32
16	30	24
21	17	16
29	8	6
36	6	5
42	3	3
48	2	2

STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02800
Std. C/R Gasket	EEN03406
Alt. Silicon Gasket	EEN04906

ACCESSORIES		
TERMINAL RAIL		
TS 32		EEN00308
TS 35		EEN00208

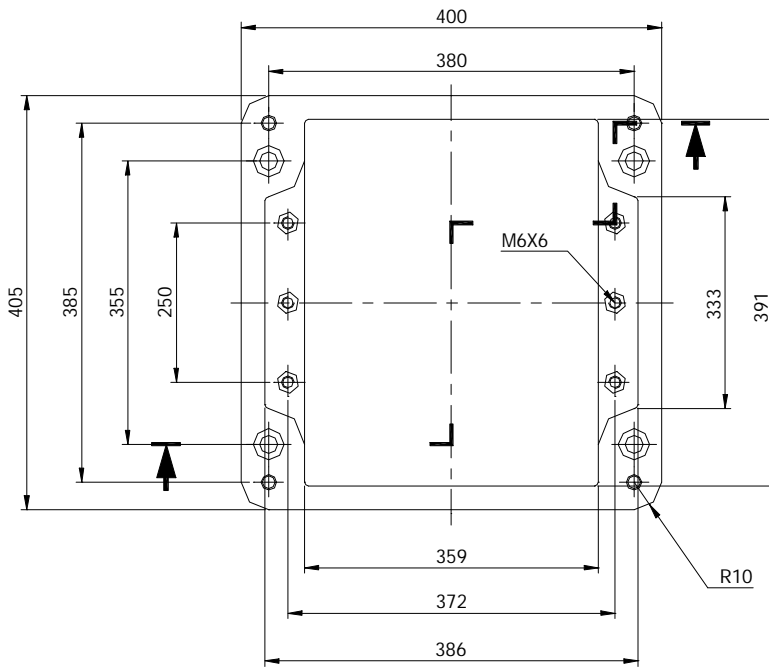
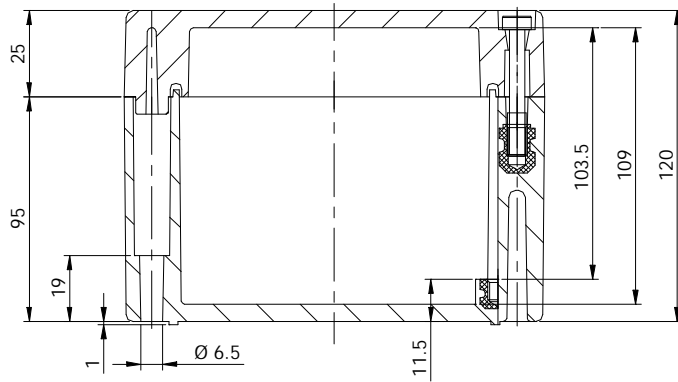
MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN02200
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400

MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200

HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

ASSEMBLY WITH TERMINALS																		
Length of DIN Rail 384mm						Maximum Rail capacity 368mm												
Terminal Blocks	WEIDMULLER										PHOENIX							
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UTK 16	UTK 35	
Technical Information																		
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35	
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35	
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800	
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125	
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2	
Max. no of Terminals in Rail - TS 32	58	54	44	28	22	--	--	--	--	--	--	56	56	42	34	28	22	
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	70	58	44	34	28	22							
Max. no of Terminal rails possible	3	3	3	2	1	3	3	3	3	2	1	3	3	3	3	2	1	

Enclosure Type : PG 405 400 120		Size : 405 X 400 X 120		Weight : 5550 g.	
COVER	EEC03900 / A - Standard Grey		BASE	EEC02100 / A - Standard Grey	
	EEC03900 / B - High visibility yellow				



CABLE GLANDS		
Max. No. of cable glands		
	AL	
	CW	
	DW	
	BL	
PG	AL / BL	CW / DW
7	--	--
9	50	42
11	38	34
13.5	36	32
16	30	24
21	17	16
29	8	6
36	6	5
42	3	3
48	2	2

STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02800
Std. C/R Gasket	EEN03406
Alt. Silicon Gasket	EEN04906

ACCESSORIES	
TERMINAL RAIL	
TS 32	EEN00308
TS 35	EEN00208

MOUNTING PLATE - (M.P)	
M.P 1.5mm thick	EEN02200
M.P Screw Kit	EAA03300
M.P Spacer Kit	EAA03400

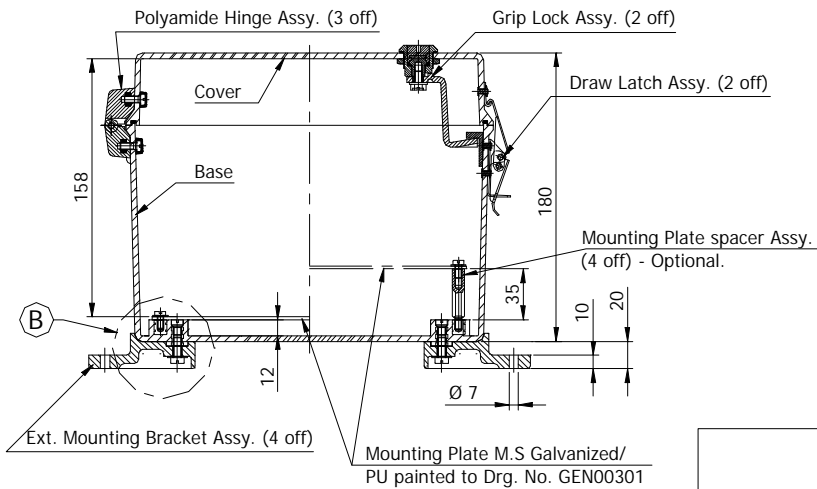
MOUNTING BRACKET KIT	
Polyamide	EAA00400
Stainless steel	EAA03200

HINGE ASSEMBLY KIT	
Polyamide	EAA00700
Stainless Steel	EAA03500

ASSEMBLY WITH TERMINALS	
Length of DIN Rail 384mm	Maximum Rail capacity 368mm

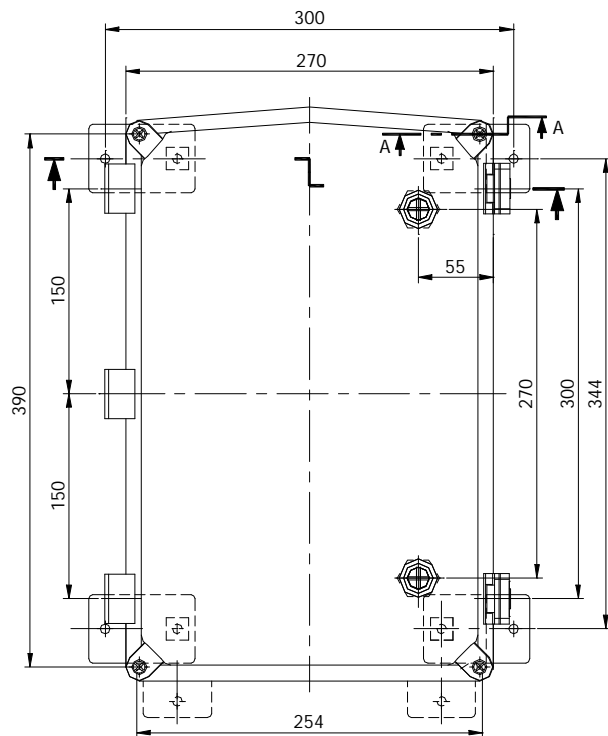
Terminal Blocks	WEIDMULLER										PHOENIX						
	SAK 2.5	SAK 4	SAK 6 N	SAK 16	SAK 35	WDU 2.5	WDU 4	WDU 6	WDU 10	WDU 16	WDU 35	UK 2.5 B	UK 5 N	UK 6 N	UK 10 N	UK 16	UK 35
Technical Information																	
Single Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	4	6	10	16	25	35
Fine Wire cross section (mm ²)	2.5	4	6	16	35	2.5	4	6	10	16	35	2.5	4	6	10	16	35
Nominal Volts (V)	550	418	418	726	726	660	660	660	660	660	660	690	800	800	800	400	800
Load (Amps.)	15	21	26	47	75	26	35	46	63	85	138	32	41	57	76	101	125
Width of Terminals (mm)	6	6.5	8	12	16	5	6	8	10	12	16	6.2	6.2	8.2	10.2	12.2	15.2
Max. no of Terminals in Rail - TS 32	58	54	44	28	22	--	--	--	--	--	--	56	56	42	34	28	22
Max. no of Terminals in Rail - TS 35	--	--	--	--	--	70	58	44	34	28	22	--	--	--	--	--	--
Max. no of Terminal rails possible	3	3	3	2	1	3	3	3	3	2	1	3	3	3	3	2	1

Enclosure Type : PG 420 270 180		Size : 420 X 270 X 180	Weight : 2500 g.
COVER	GEC00100 / A - Standard Grey	BASE	GEC00200 / A - Standard Grey
	GEC00100 / B - High visibility yellow		

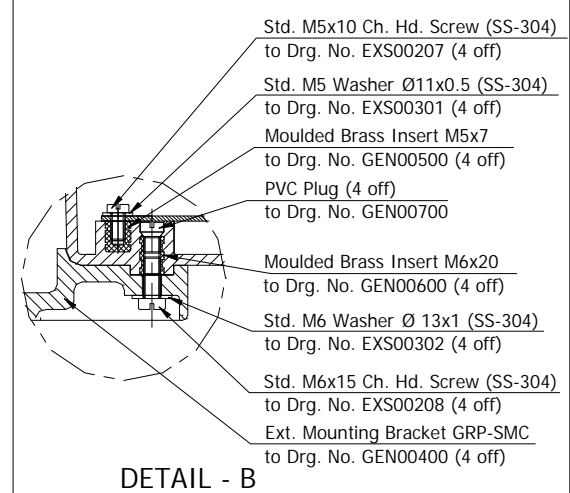
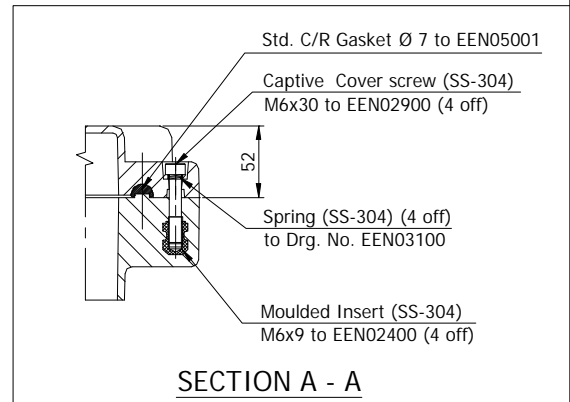


STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02900
Std. C/R Gasket	EEN05001
Alt. Silicon Gasket	EEN05101
Ext. Mounting Bracket Assy. Kit	GEA00100
Mounting Plate Assy. Kit	GEA00200

ACCESSORIES	
Mounting Plate Spacer Kit	GEA00300
Hinge Assy. Kit	GEA00401
Draw Latch Assy. Kit	GEA00500
Grip Lock Assy. Kit	GEA00600



Maximum effective Inner area = 380 x 230 x 145



- 1) Weight 2500g is only Base & Cover without Mounting plate and External Mounting Bracket.
- 2) For 70 mm Mounting Plate Spacer Assy. use 2 Kits - GEA00300.

Enclosure Type : PG 420 370 210

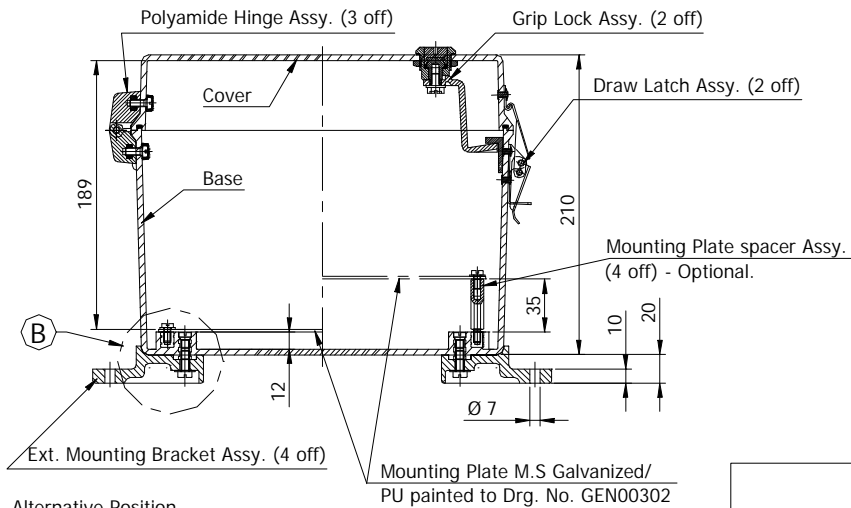
Size : 420 X 370 X 210

Weight : 4300 g.

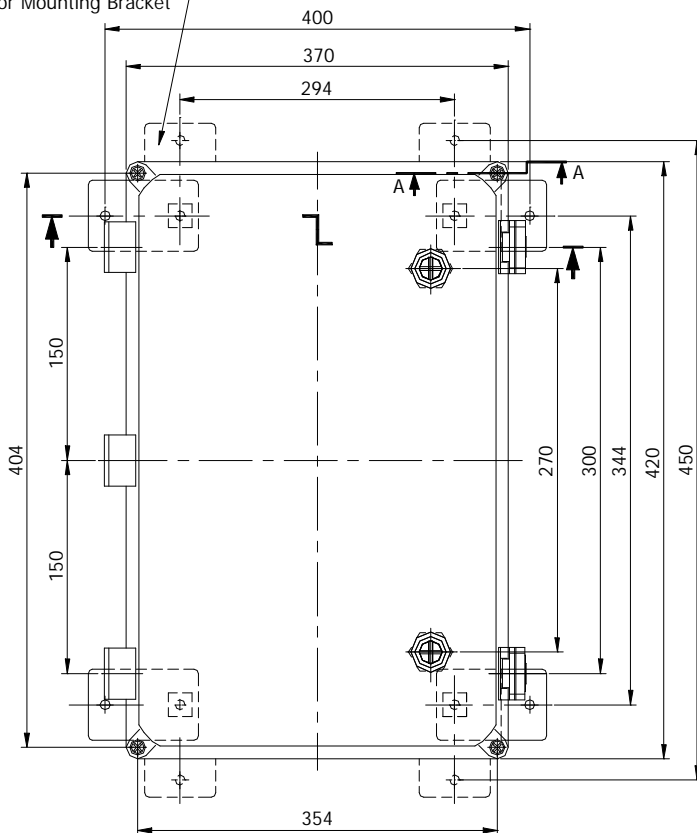
COVER
GEC00300 / A - Standard Grey
GEC00300 / B - High visibility yellow

BASE

GEC00400 / A - Standard Grey



Alternative Position
For Mounting Bracket



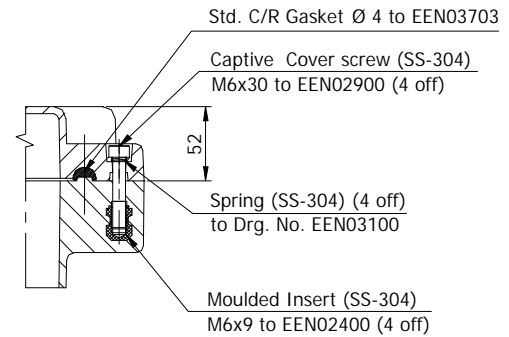
Maximum effective Inner area = 380 x 330 x 175

STD. ASSEMBLY PARTS

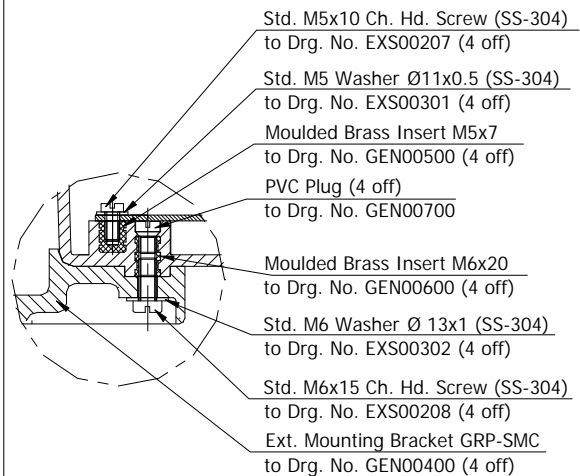
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02900
Std. C/R Gasket	EEN03703
Alt. Silicon Gasket	EEN04803
Ext. Mounting Bracket Assy. Kit	GEA00100
Mounting Plate Assy. Kit	GEA00200

ACCESSORIES

Mounting Plate Spacer Kit	GEA00300
Hinge Assy. Kit	GEA00402
Draw Latch Assy. Kit	GEA00500
Grip Lock Assy. Kit	GEA00600



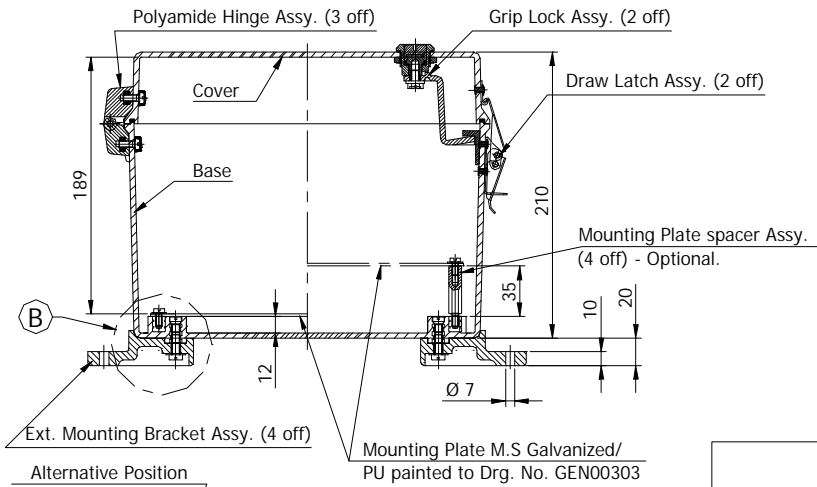
SECTION A - A



DETAIL - B

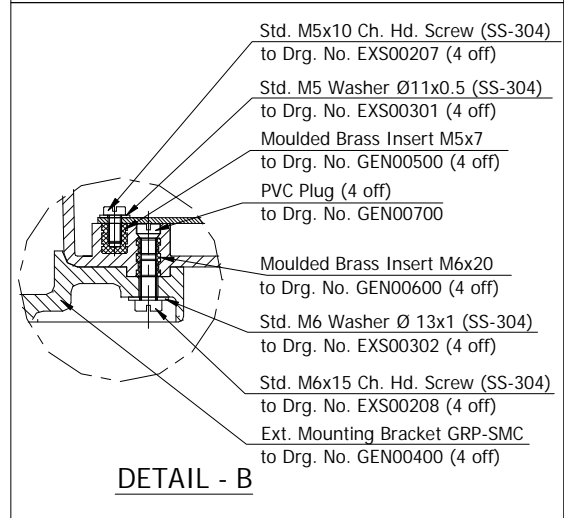
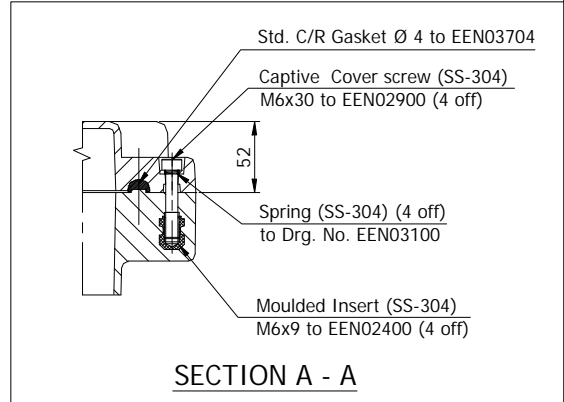
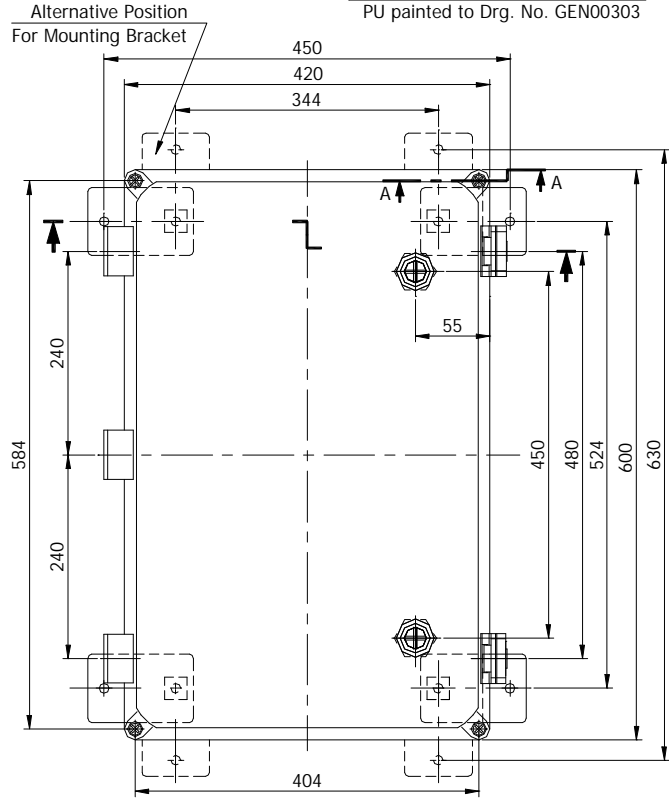
- 1) Weight 4300g is only Base & Cover without Mounting plate and External Mounting Bracket.
- 2) For 70 mm Mounting Plate Spacer Assy. use 2 Kits - GEA00300.

Enclosure Type : PG 600 420 210		Size : 600 X 420 X 210	Weight : 6950 g.
COVER	GEC00500 / A - Standard Grey	BASE	GEC00600 / A - Standard Grey
	GEC00600 / B - High visibility yellow		



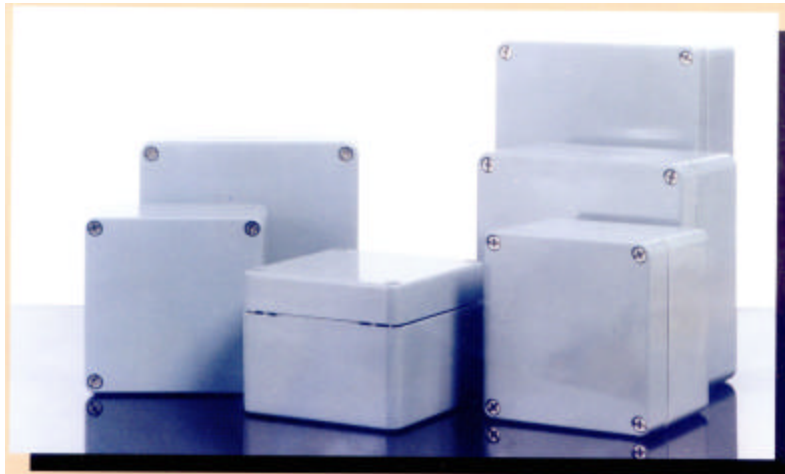
STD. ASSEMBLY PARTS	
DESCRIPTION	ORDER No.
S.S Cover Screw	EEN02900
Std. C/R Gasket	EEN03704
Alt. Silicon Gasket	EEN04804
Ext. Mounting Bracket Assy. Kit	GEA00100
Mounting Plate Assy. Kit	GEA00200

ACCESSORIES	
Mounting Plate Spacer Kit	GEA00300
Hinge Assy. Kit	GEA00402
Draw Latch Assy. Kit	GEA00500
Grip Lock Assy. Kit	GEA00600



Maximum effective Inner area = 560 x 380 x 175

- 1) Weight 6950g is only Base & Cover without Mounting plate and External Mounting Bracket.
- 2) For 70 mm Mounting Plate Spacer Assy. use 2 Kits - GEA00300.



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