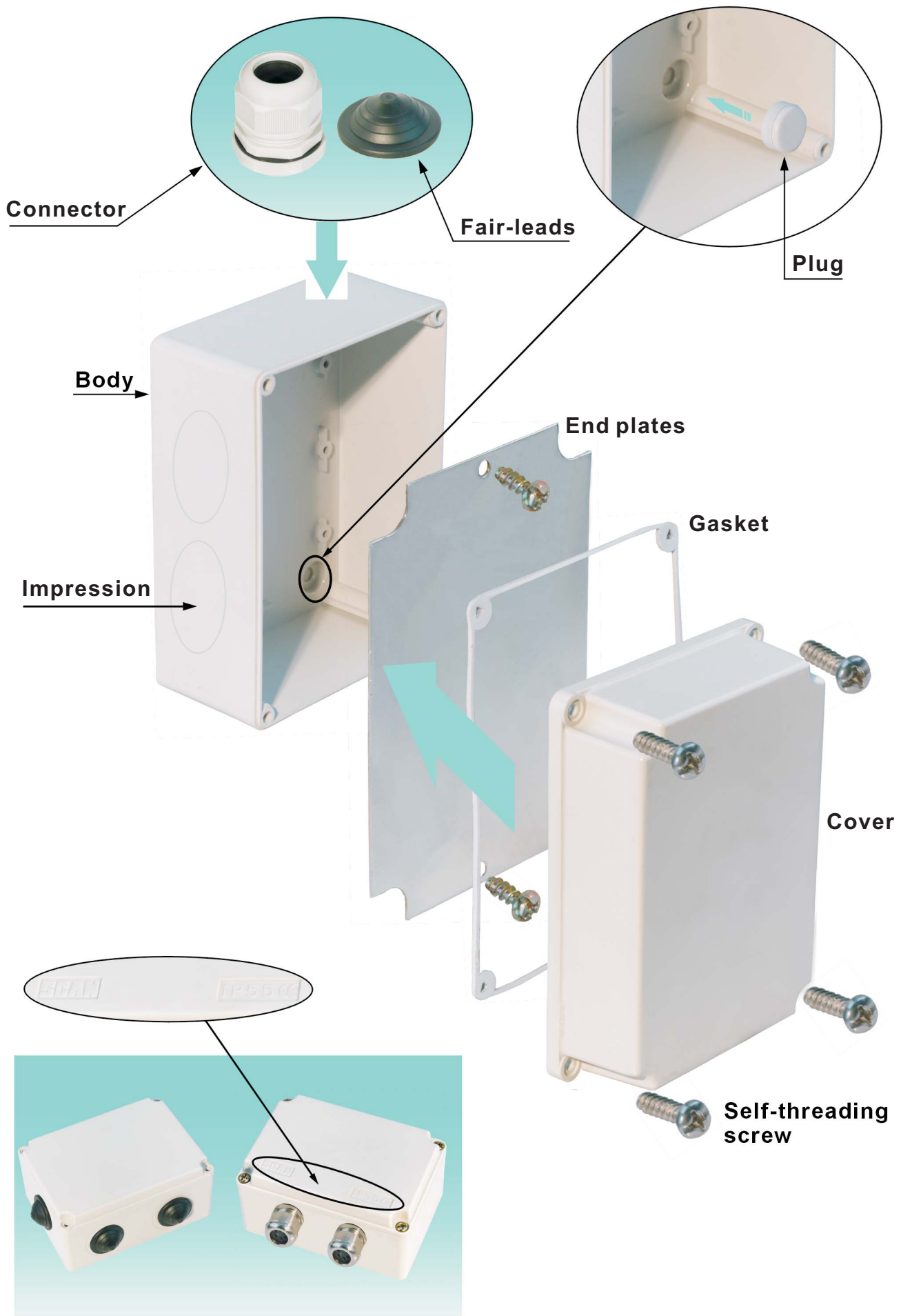
















Enclosures



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● SCAN' s quality policy

Complete information about our quality policy can be found in our Quality Policy Manual .

● Working hard for your benefits

We have invested a lot of time into developing a new quality system in order to provide you with quality products . We keep track and improve on our R&D, manufacturing processed and equipments , quality control, and numerous other fields . What is the reason behind all that? We would like to see ourselves being capable to satisfy the needs of our customers.

● Working hard to meet your demands

We have invested a lot of time into developing a new quality system in order to provide you with quality products. We keep track and improve on our R&D, manufacturing processed and equipments, quality control, and numerous other fields. What is the reason behind all that? We would like to see ourselves being capable to satisfy the needs of our customers

● Scanning the internet for Scan?

Here it is, our website:
www.scanelecsz.com. You will be able to get some information about us on there.
 More questions, requests, or complaints you would like us to know?
 Feel free to write to us at:
sz990111@public.szptt.net.cn
 We will be glad to hear from you.




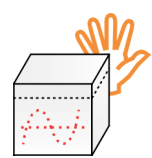
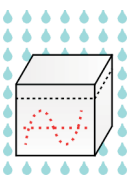
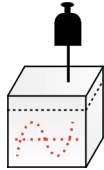
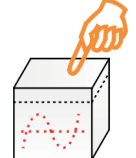

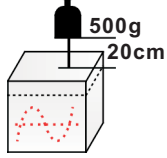
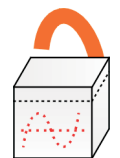
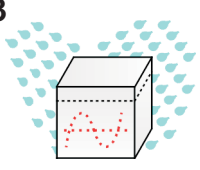
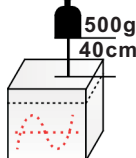
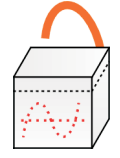
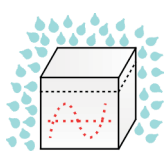
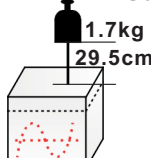
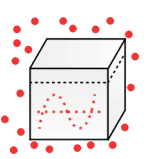
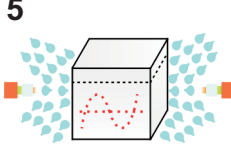
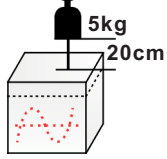
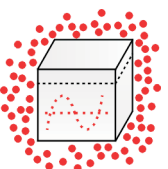
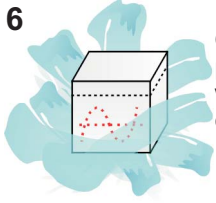
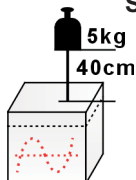
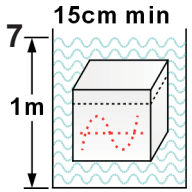
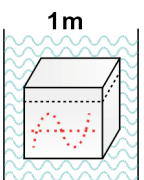
● NEMA/UL protection class

We go by the NEMA capability standards when rating our enclosures. The rating classifications are as follows:

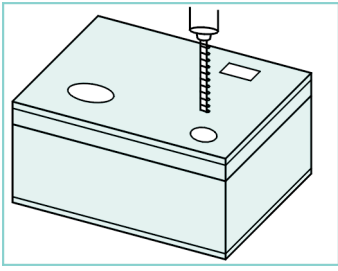
1. Designed for indoor usage, and should protect against human contact and limited amount of dust.(IP30)
2. Designed for indoor usage, and should protect against limited moisture and dust.(IP31)
3. Designed for limited outdoor usage. Provides protection against dust, rain, and hail. Ice buildup on the device is also protected against.(IP64)
- 3R. Designed for limited outdoor usage. Provides protection against rain and hail. Ice buildup on the enclosure is also protected against.(IP32)
- 3S. Designed for limited outdoor usage. Provides protection against dust, rain, and hail. Ice buildup on the enclosure would still allow operation from outside of the device.
4. Designed for both indoor and outdoor usage. Provides protection for water splashes, dust, and rain. Vacuum tubes provide direct wet protection. Ice on the device should not cause Any harm. (IP 66)
- 4X. Designed for indoor and outdoor usage. Provides protection for water splashes, dust, and rain. Vacuum tubes provide direct wet protection. Ice on the device should not cause any harm. Corrosion resistant.(IP66)
5. Designed for both indoor and outdoor usage. Provides protection for dust and water which projected in jets against the enclosure from any direction.(IP55).
6. Designed for both indoor and outdoor usage. Designed so the device can be submerged under water for short period of time. Ice buildup on the device would not cause harm.
- 6P. Designed for both indoor and outdoor usages. Can be submerged under water for long periods of time.
11. Designed for indoor use, and can provide protection when submerged in oil. Provides protection against liquid and gaseous corrosive materials.
12. Designed for indoor usage, provides protection against dust and non-corrosive chemicals. (IP 65).
13. Designed for indoor use. Provides protection against streams of water, oil, and non-corrosive Coolant/protectant. (IP 65).



The under IP class table which use two numbers to code has shown the protection class about the box against immerge . SCAN has according as IEC529 or new EN605294:1992 standard tested the box . The last standard requests that you must separately do test for the second digit of every class if it has exceeded 6 class . So double mark IP 66/IP 67 show that it must do two steps actual test .

Against solid		Against liquid		Against mechanical striking	
IP	Testing	IP	Testing	IK	Testing
0	 No protection	0	 No protection	00	 No protection
1	 Can against exceed 50mm solid harm , eg . Suddenly touch with hand	1	 Can against perpendicular drop	01-05	 Striking 1 JOULE
2	 Can against exceed 12mm solid harm , eg . Just like the size of finger	2	 Can against directly spray , which under 15° with perpendicularity direction .	06	 Striking 1 JOULE
3	 Can against exceed 2.5 mm solid harm , eg (small tool , thin wire)	3	 Can against spray , which have 60° angle with perpendicularity direction .	07	 Striking 2 JOULE
4	 Can against exceed 1mm solid harm , eg (small tool,thin wire)	4	 Can against spray , which comes from different directions.	08	 Striking 5 JOULE
5	 Can against dust harm .	5	 Can against low pressure spray , which comes from different directions .	09	 Striking 10JOULE
6	 Can against dust harm completely .	6	 Can against high pressure spray , which comes from different directions	10	 Striking 20JOULE
		7	 15cm min 1m Can against effect when immersed from 15cm to 1m		
		8	 1m Can against effect when existed pressure and immersed for long		

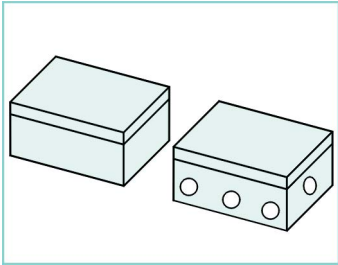
Mechanical Services



In order to fulfill all the enclosure needs of our clients, we have decided to offer custom-made service for special applications. With small to medium batch size, our clients are welcome to let us know where all the notches and holes should be located. After all, it's our advanced CNC machines that do all the hard work. And of course, you get to pick what materials the enclosure should be made out of to best meet your needs.

Once it is ready for production, our clients would get a detailed drawing of the enclosure to confirm if it is exactly what's needed.

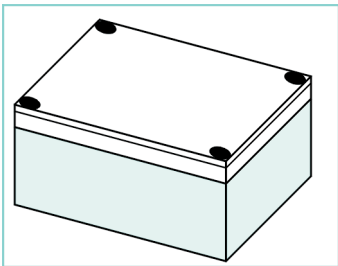
Custom-Manufacturing



For clients with large amounts of OEM needs, there might be an often need for standard molds in order to fulfill the OEM requirements. We can provide our clients with such multi purpose molds where the sides of the enclosure can then be custom prepared as needed. This is done so that a mold can be used for multiple models, instead of one mold per model.

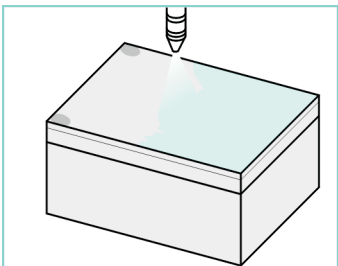
Modifying an existing mold to make a new product is also a very economical way. It is more feasible than new molds, and it would usually mean a shorter time for manufacturing.

Custom Colours



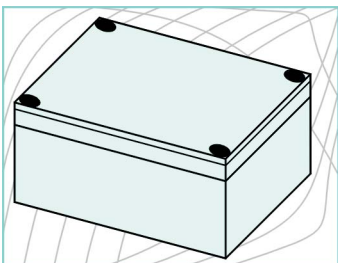
We offer clients their own choice of colors for their enclosures. With amounts over 1000 pieces, we would mold them in the specified color. We go by the RAL standard color systems, but we would also let you appoint your own colors to match your own special needs.

Custom Painting



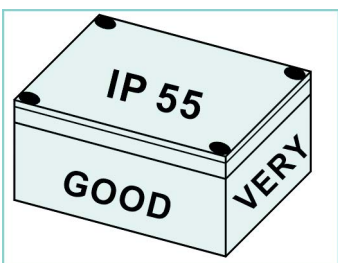
When amount needed isn't feasible to mold, we can apply paint on the enclosures. This may be more feasible when ordering enclosures in small amounts.

EMC- Plastic Sealed Enclosures



We provide EMC screened enclosures. Of the many ways it can be done, we recommend coating the inner surface of the enclosure with Ni - electric conducting paint. With such material like CHO-XEAL 1350, effective screening can be achieved.

Printing



When ordering an amount below 1000 enclosures, the recommended way for printing would be silk screening. This method is commonly seen on printing on flat surfaces, and can be used for large surface areas.

When the amount ordered is over 1000 pieces, the recommended way of printing would be press printing. This method is commonly used on small areas and areas where spaces is cramped.

1. Enclosures

E:Enclosures



2. Type

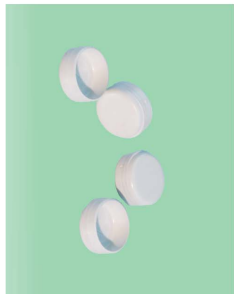
A:Boxes with fair - leads - RAL 7035 Grey colour - IP 55



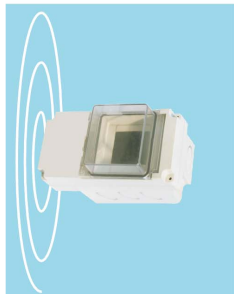
D:Distribution boxes - completely unmarked walls - IP 55



L:Plug



P:Panel/Embedding Enclosure

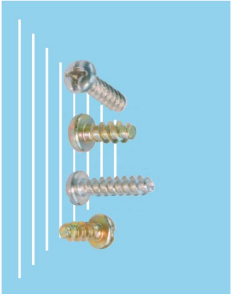


F:Fair - leads



3. purpose

A:Accessories



4. 5.means material for walls, cover, or accessories

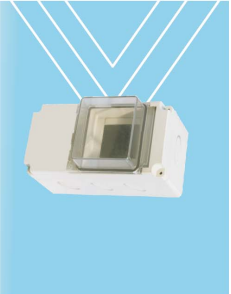
B:Material of ABS



C:Material of PC



I:Industrial enclosures



C:Control enclosures



S:Steel



6.7.8.means L, W, and H



9. Holes on the wall



Accessories do not usually contain the 5th to 9th property, so they can be identified by just the first four properties. However, they might have it's own special properties. In this case, simply add that property to the end of the sequence. Two examples for this coding is as follows:

Coding: EBCBB150 x 150 x 75-8

This code implies that it is a distribution box that contains 8 mounting holes. Dimension of the box is 150 x 150 x 75 mm, and it is made from ABS. The plastic caps over the holes can be removed, and the protection class is rated at IP55
Coding: ESAS3.9 x 12
This code implies that this is a screw (accessories), and the size is 3.9 x 12 mm.

Modular distribution and connection boxes

● Modular distribution boxes

- ★ To be used for many applications in the electro-technical , electronic and pneumatic field .
- ★ Housing and cover made of thermoplastic , V-1 degree self-extinguishing material in compliance with UL standards (Underwriters' Laboratories) assure an optimum impact strength , even at low temperatures ,and a high resistance to weather , heat and chemical agents . RAL 7035 grey cover
- ★ For fire and flame resistance , the housing and cover pass the glow wire test at 960°C , in conformity with IEC 695-2-1 and CEI 50-11
- ★ The high insulating properties of the material used give a double insulation to the boxes .
- ★ Degree of protection IP 55 in compliance with IEC 529 , CEI EN 60529 .
- ★ Execution in compliance with IEC 670 and Pr.CEI C 431 .

The main characteristic of the production is the modularity of its elements .

This production consists of 6 different-size boxes and three depth covers .

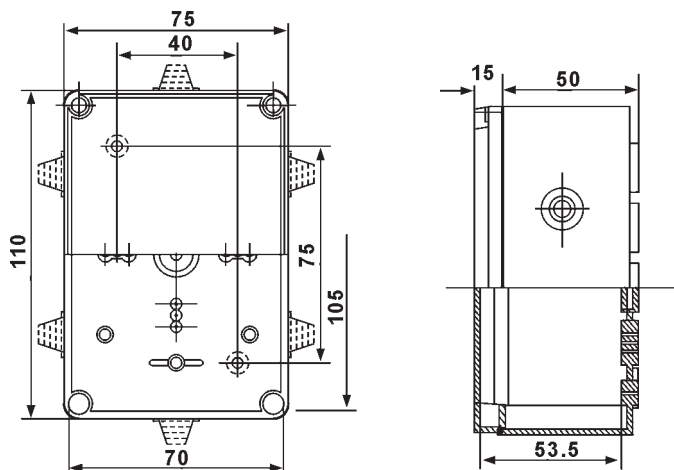
The boxes can be joined together in banks by means of Pg thread nipples complete with lock nut and rubber washer .



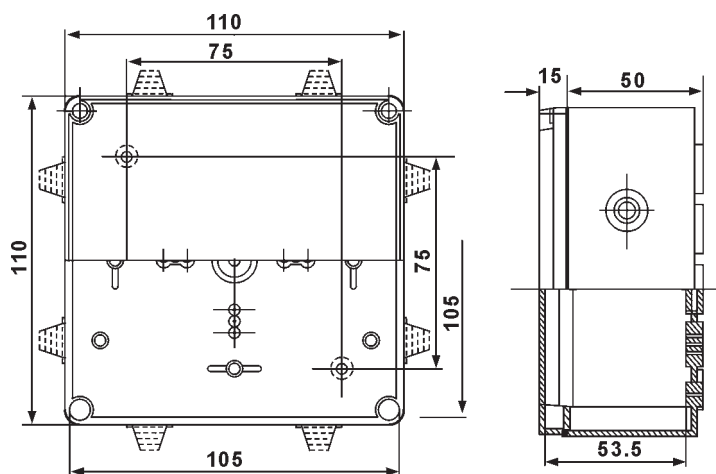
Boxes with fair - leads - RAL 7035 gray cover - IP 55

These boxes are supplied complete with screws and gaskets for the cover ; walls are complete with fair-leads .

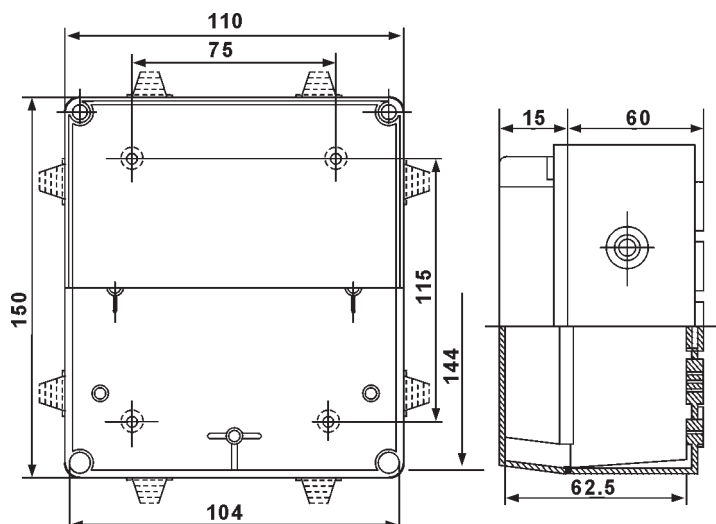
Description	Inlets to be knocked out	Part number
110×75×65 mm	2×max ϕ tube 25 mm + 4×max ϕ tube 20 mm	EACBB75×110×65 - 6



Description	Inlets to be knocked out	Part number
110×110×65 mm	8×max ϕ tube 25 mm	EACBB110×110×65 - 8



Description	Inlets to be knocked out	Part number
110×150×75 mm	8×max ϕ tube 25 mm	EACBB110×150×75 - 8



Modular distribution and connection boxes

Boxes with fair - leads - RAL 7035 grey cover - IP 55

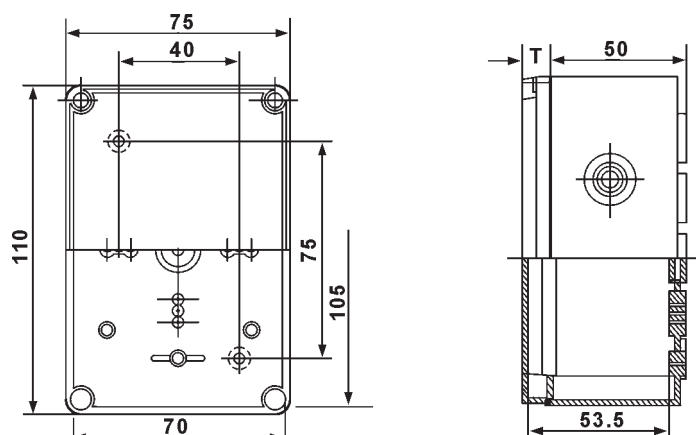
Technical data

Characteristic	PC	ABS	Used for standard (UL CSA CE)
Protection class (En60529)	IP55	IP55	American : used for electric equipment boxes PC:UL style 1 4 4X 6(12 and 13) (UL 50/508) ABS :NEMA 1 4 4X 6(12 and 13)
Resist striking (En5012)	IK 08	IK 07	Canada : Industry control equipment used for electric equipment /ULc
Temperature ranges	-40 -120	-40 -80	Europe: Used for components of the switch box and control box
(Temporary) F	-40 F -250 F	-40 F -175 F	EN 50298 1998
Temperature ranges	-40 -80	-40 -60	Europe : Used for the security of IT equipment
(Continuous) F	-40 F-175 F	-40 F-140 F	EN 60950
The electric insulation	Completely insulating	Completely insulating	Australia : Used for switch box and control box
Light grey part colour	RAL 7035 Industry grey	RAL 7035 Industry grey	AS 3132 - 1991
Cover colour	Transparence	grey	
Screw for the cover	Silvery white	Silvery white	
Screw for the sheet	Light yellow	Light yellow	
Gasket	PUR/TPE	PUR/TPE	
Flammability class	UL 94 -5V	UL 94HB	UL 746 C 5 inch perpendicularity flame test
Burning conductor test	960	650	IEC 695 - 2 - 1 self-extinguishing
Innocuous properties	No halogen	No halogen	
Preventing ultraviolet radiation	UL 508		
Resist chemical corrosion	Be in aging machine 720 hours still well	Well	

Distribution boxes - walls with knock - outs - IP 55

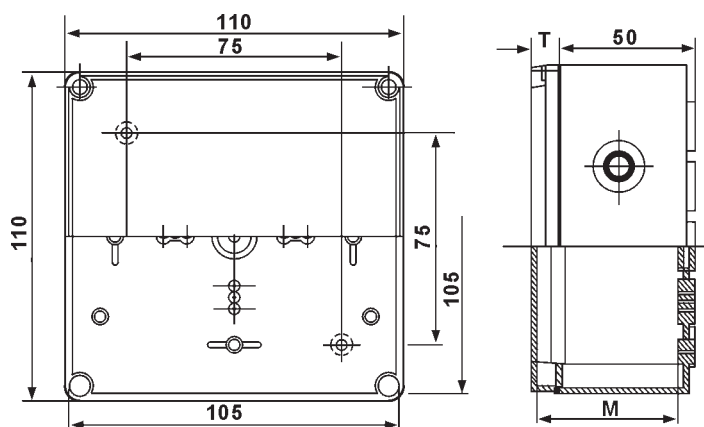
These boxes are supplied with screw caps and gaskets for the cover ; have knock-out impressions suitable Pg fair leads and / or cable clamping screws .

Description	Inlets to be knocked out	T※	M※	Part number	
				RAL 7035 grey cover	
75×110×65 mm	2×Pg 21 +4×Pg16/21	15	53.5	EBCBB 75×110×65 - 6	



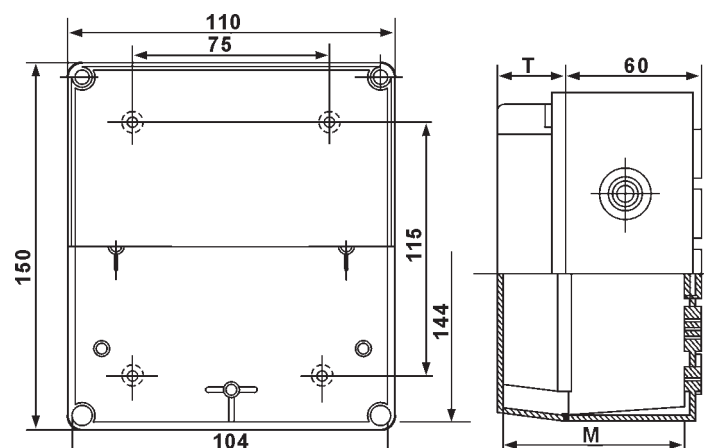
Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T※	M※	Part number	
				RAL 7035 grey cover	Transparent cover
110×110×65 mm	4×Pg 21 + 4×Pg16/21	15	53.5	EBCBB110×110×65 - 8	
110×110×112 mm	4×Pg 21 + 4×Pg16/21	62	100.5	EBCBB110×110×112 - 8	EBCBC 110×110×112 - 8



Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T※	M※	Part number	
				RAL 7035 grey cover	Transparent cover
110×150×75 mm	4×Pg 21 + 4×Pg29	15	62.5	EBCBB110×110×75 - 8	EBCBC110×110×75 - 8
110×150×100 mm	4×Pg 21 + 4×Pg29	40	87.5	EBCBB110×150×100 - 8	EBCBC110×150×100 - 8
110×150×150 mm	4×Pg 21 + 4×Pg29	90	137.5	EBCBB110×150×150 - 8	EBCBC110×150×150 - 8



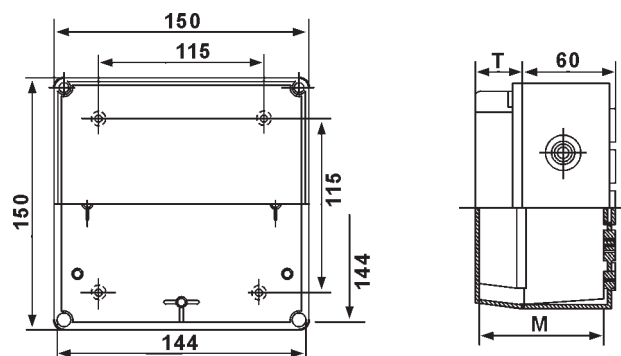
Note : “T” is cover high ; “M” is usable high

Modular distribution and connection boxes

Distribution boxes - walls with knock - outs - IP 55

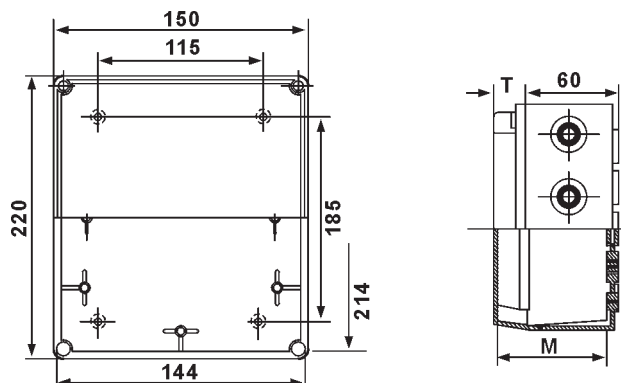
These boxes are supplied with screws caps and gaskets for the cover ; have knock-out impressions suitable Pg fair leads and / or cable clamping screws .

Description	Inlets to be knocked out	T _※	M _※	Part number	
				RAL 7035 grey cover	Transparent cover
150×150×75 mm	8×Pg 29	15	62.5	EBCBB150×150×75 - 8	EBCBC150×150×75 - 8
150×150×100 mm	8×Pg 29	40	87.5	EBCBB150×150×100 - 8	EBCBC150×150×100 - 8
150×150×150 mm	8×Pg 29	90	137.5	EBCBB150×150×150 - 8	EBCBC150×150×150 - 8



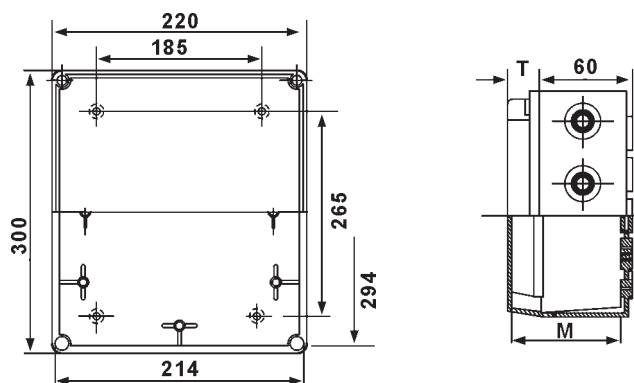
Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T _※	M _※	Part number	
				RAL 7035 grey cover	Transparent cover
150×220×75 mm	8×Pg 21 + 4×Pg 29	15	62.5	EBCBB150×220×75 - 12	EBCBC150×220×75 - 12
150×220×100 mm	8×Pg 21 + 4×Pg 29	40	87.5	EBCBB150×220×100 - 12	EBCBC150×220×100 - 12
150×220×150 mm	8×Pg 21 + 4×Pg 29	90	137.5	EBCBB150×220×150 - 12	EBCBC150×220×150 - 12



Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T _※	M _※	Part number	
				RAL 7035 grey cover	Transparent cover
220×300×75 mm	8×Pg 21 + 8×Pg29	15	62.5	EBCBB220×300×75 - 16	EBCBC220×300×75 - 16
220×300×100 mm	8×Pg 21 + 8×Pg29	40	87.5	EBCBB220×300×100 - 16	EBCBC220×300×100 - 16
220×300×150 mm	8×Pg 21 + 8×Pg29	90	137.5	EBCBB220×300×150 - 16	EBCBC220×300×150 - 16



Note : “T” is cover high ; “M” is usable high

● Distribution boxes - walls with knock - outs - IP 55

Technical data

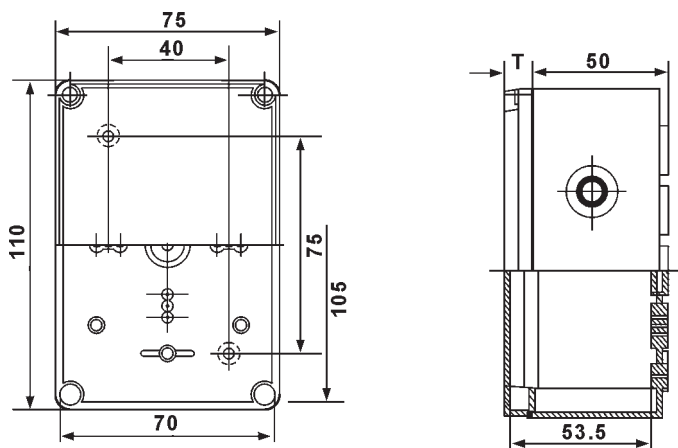
Characteristic	PC	ABS	Used for standard (UL CSA CE)
Protection class (En60529)	IP55	IP55	American : used for electric equipment boxes PC:UL style 1 4 4X 6(12 and 13) (UL 50/508) ABS :NEMA 1 4 4X 6(12 and 13)
Resist striking (En5012)	IK 08	IK 07	Canada : Industry control equipment used for electric equipment /ULc
Temperature ranges	-40 -120	-40 -80	Europe: Used for components of the switch box and control box
(Temporary) F	-40 F -250 F	-40 F -175 F	EN 50298 1998
Temperature ranges	-40 -80	-40 -60	Europe : Used for the security of IT equipment
(Continuous) F	-40 F-175 F	-40 F-140 F	EN 60950
The electric insulation	Completely insulating	Completely insulating	Australia : Used for switch box and control box
Light grey part colour	RAL 7035 Industry grey	RAL 7035 Industry grey	AS 3132 - 1991
Cover colour	Transparence	grey	
Screw for the cover	Silvery white	Silvery white	
Screw for the sheet	Light yellow	Light yellow	
Gasket	PUR/TPE	PUR/TPE	
Flammability class	UL 94 -5V	UL 94HB	UL 746 C 5 inch perpendicularity flame test
Burning conductor test	960	650	IEC 695 - 2 - 1 self-extinguishing
Innocuous properties	No halogen	No halogen	
Preventing ultraviolet radiation	UL 508		
Resist chemical corrosion	Be in aging machine 720 hours still well	Well	

Modular distribution and connection boxes

● Distribution boxes - walls with knock outs - Pg 16 - IP 55

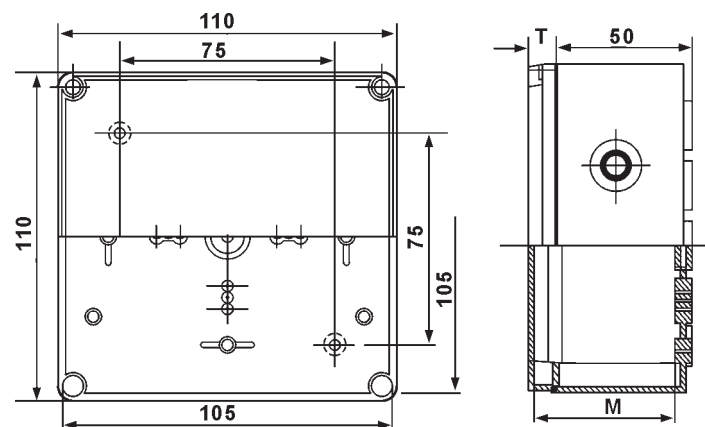
These boxes are supplied with screws , screw caps and gaskets for the cover ; have knock-out impressions suitable Pg fair leads and / or cable clamping screws .

Description	Inlets to be knocked out	T※	M※	Part number	
				RAL 7035 grey cover	Transparent cover
75×110×65 mm	6×Pg 16	15	53.5	ECIBB75×110×65 - 6	



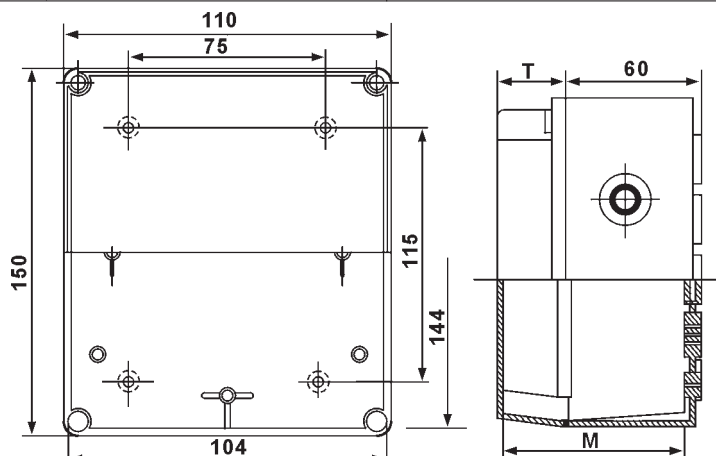
Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T※	M※	Part number	
				RAL 7035 grey cover	Transparent cover
110×110×65 mm	8×Pg 16	15	53.5	ECIBB110×110×65 - 8	
110×110×112 mm	8×Pg 16	62	100.5	ECIBB110×110×112 - 8	ECIBC110×110×112 - 8



Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T※	M※	Part number	
				RAL 7035 grey cover	Transparent cover
110×150×75 mm	8×Pg 16	15	62.5	ECIBB110×150×75 - 8	ECIBC110×150×75 - 8
110×150×100 mm	8×Pg 16	40	87.5	ECIBB110×150×100 - 8	ECIBC110×150×100 - 8
110×150×150 mm	8×Pg 16	90	137.5	ECIBB110×150×150 - 8	ECIBC110×150×150 - 8

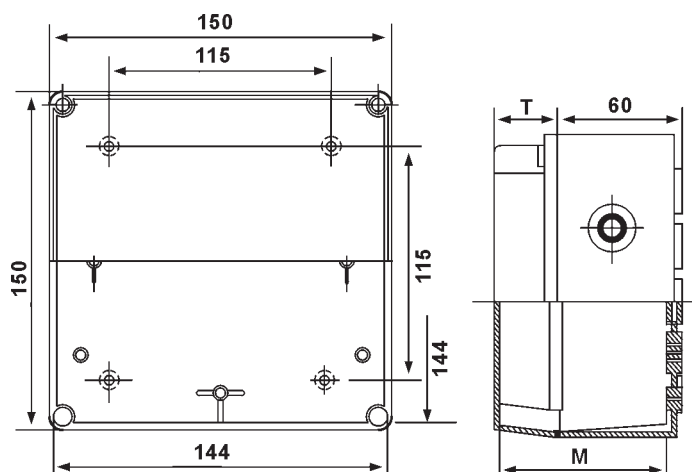


Note : “T” is cover high ; “M” is usable high

● Distribution boxes - walls with knock - outs - Pg 16 - IP 55

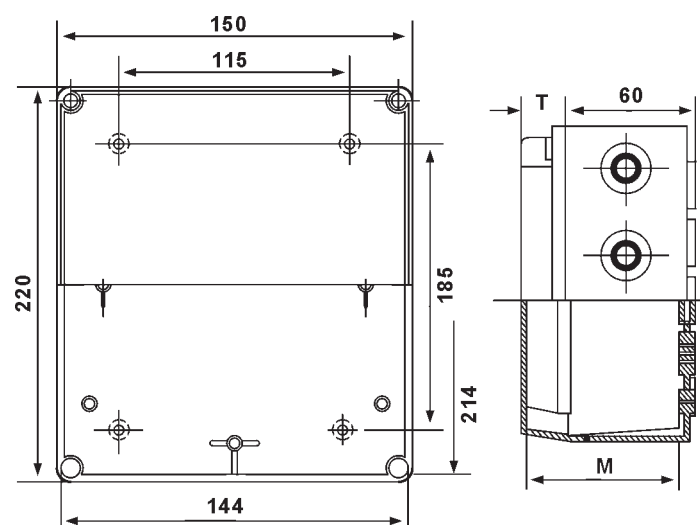
These boxes are supplied with screws , screw caps and gaskets for the cover ; have knock-out impressions suitable Pg fair leads and / or cable clamping screws .

Description	Inlets to be knocked out	T _※	M _※	Part number	
				RAL 7035 grey cover	Transparent cover
150×150×75 mm	8×Pg 16	15	62.5	ECIBB150×150×75 - 8	ECIBC150×150×75 - 8
150×150×100 mm	8×Pg 16	40	87.5	ECIBB150×150×100 - 8	ECIBC150×150×100 - 8
150×150×150 mm	8×Pg 16	90	137.5	ECIBB150×150×150 - 8	ECIBC150×150×150 - 8



Note : “T” is cover high ; “M” is usable high

Description	Inlets to be knocked out	T _※	M _※	Part number	
				RAL 7035 grey cover	Transparent cover
150×220×75 mm	12×Pg 16	15	62.5	ECIBB150×220×75 - 12	ECIBC150×220×75 - 12
150×220×100 mm	12×Pg 16	40	87.5	ECIBB150×220×100 - 12	ECIBC150×220×100 - 12
150×220×150 mm	12×Pg 16	90	137.5	ECIBB150×220×150 - 12	ECIBC150×220×150 - 12



Note : “T” is cover high ; “M” is usable high

Modular distribution and connection boxes

● Distribution boxes - walls with knock outs - Pg 16 - IP 55

Technical data

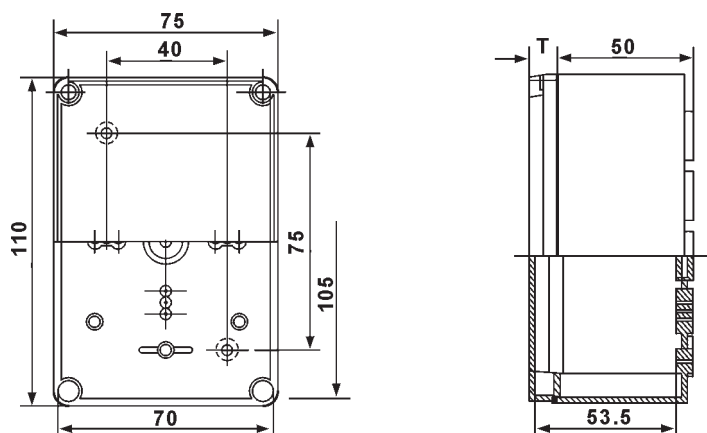
Characteristic	PC	ABS	Used for standard (UL CSA CE)
Protection class (En60529)	IP55	IP55	American : used for electric equipment boxes PC:UL style 1 4 4X 6(12 and 13) (UL 50/508) ABS :NEMA 1 4 4X 6(12 and 13)
Resist striking (En5012)	IK 08	IK 07	Canada : Industry control equipment used for electric equipment /ULc
Temperature ranges	-40 -120	-40 -80	Europe: Used for components of the switch box and control box
(Temporary) F	-40 F -250 F	-40 F -175 F	EN 50298 1998
Temperature ranges	-40 -80	-40 -60	Europe : Used for the security of IT equipment
(Continuous) F	-40 F-175 F	-40 F-140 F	EN 60950
The electric insulation	Completely insulating	Completely insulating	Australia : Used for switch box and control box
Light grey part colour	RAL 7035 Industry grey	RAL 7035 Industry grey	AS 3132 - 1991
Cover colour	Transparence	grey	
Screw for the cover	Silvery white	Silvery white	
Screw for the sheet	Light yellow	Light yellow	
Gasket	PUR/TPE	PUR/TPE	
Flammability class	UL 94 -5V	UL 94HB	UL 746 C 5 inch perpendicularity flame test
Burning conductor test	960	650	IEC 695 - 2 - 1 self-extinguishing
Innocuous properties	No halogen	No halogen	
Preventing ultraviolet radiation	UL 508		
Resist chemical corrosion	Be in aging machine 720 hours still well	Well	

Modular distribution and connection boxes

● Distribution boxes - completely unmarked walls - IP 55

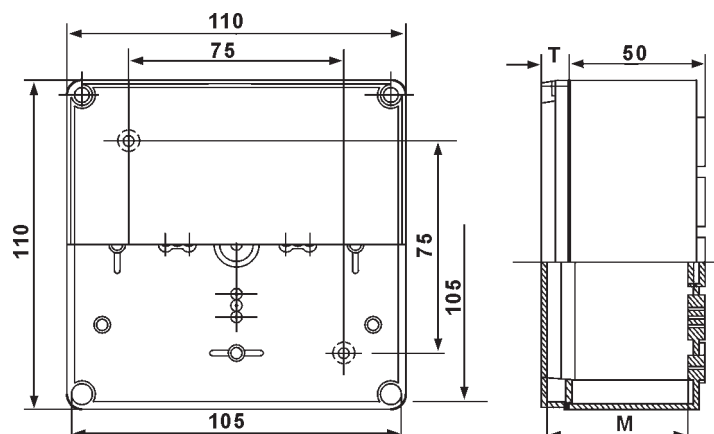
These boxes are supplied complete with screws and gaskets for the cover .

Description	T※	M※	Part number	
			RAL 7035 grey cover	Transparent cover
75×110×65 mm	15	53.5	EDCBB 75×110×65 - 0	



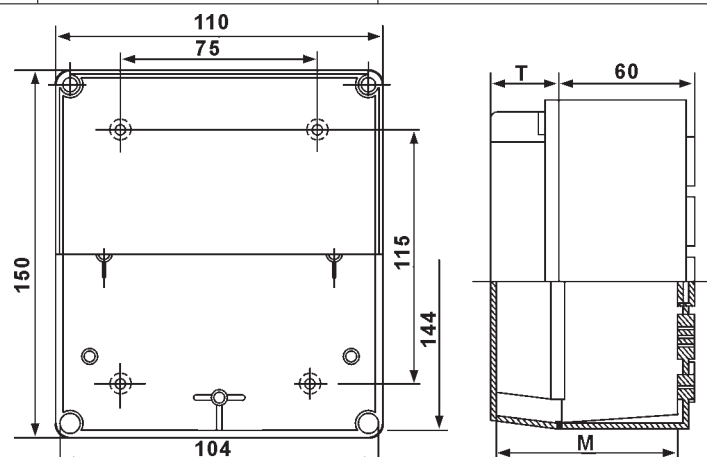
Note : “T” is cover high ; “M” is usable high

Description	T※	M※	Part number	
			RAL 7035 grey cover	Transparent cover
110×110×65 mm	15	53.5	EDCBB 110×110×65 - 0	
110×110×112 mm	62	100.5	EDCBB 110×110×112 - 0	EDCBC110×110×112 - 0



Note : “T” is cover high ; “M” is usable high

Description	T※	M※	Part number	
			RAL 7035 grey cover	Transparent cover
110×150×75 mm	15	62.5	EDCBB110×150×75 - 0	EDCBC110×150×75 - 0
110×150×100 mm	40	87.5	EDCBB110×150×100 - 0	EDCBC110×150×100 - 0
110×150×150 mm	90	137.5	EDCBB110×150×150 - 0	EDCBC110×150×150 - 0



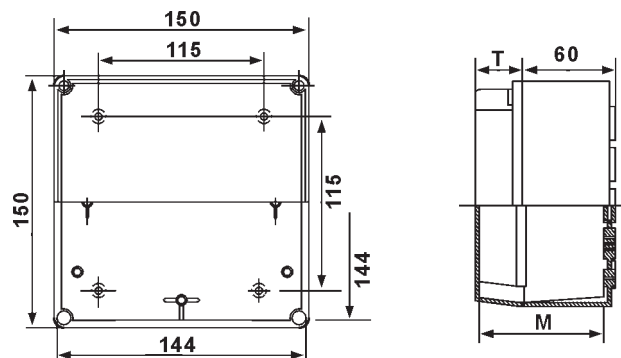
Note : “T” is cover high ; “M” is usable high

Modular distribution and connection boxes

● Distribution boxes - completely unmarked walls - IP 55

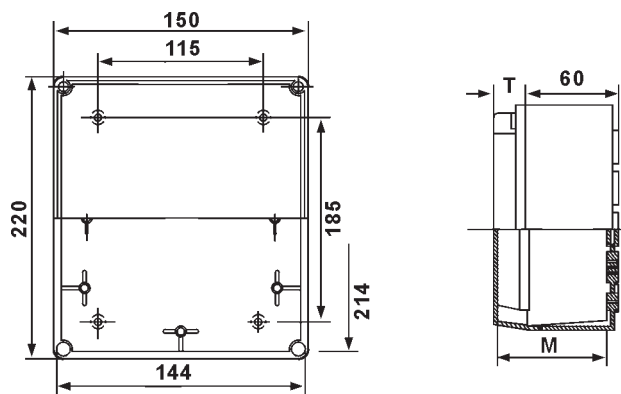
These boxes are supplied complete with screws and gaskets for the cover .

Description	T _※	M _※	Part number	
			RAL 7035 grey cover	Transparent cover
150×150×75 mm	15	62.5	EDCBB150×150×75 - 0	EDCBC150×150×75 - 0
150×150×100 mm	40	87.5	EDCBB150×150×100 - 0	EDCBC150×150×100 - 0
150×150×150 mm	90	137.5	EDCBB150×150×150 - 0	EDCBC150×150×150 - 0



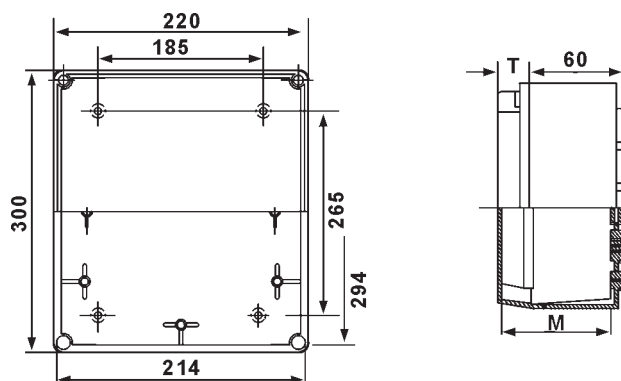
Note : “T” is cover high ; “M” is usable high

Description	T _※	M _※	Part number	
			RAL 7035 grey cover	Transparent cover
150×220×75 mm	15	62.5	EDCBB150×220×75 - 0	EDCBC150×220×75 - 0
150×220×100 mm	40	87.5	EDCBB150×220×100 - 0	EDCBC150×220×100 - 0
150×220×150 mm	90	137.5	EDCBB150×220×150 - 0	EDCBC150×220×150 - 0



Note : “T” is cover high ; “M” is usable high

Description	T _※	M _※	Part number	
			RAL 7035 grey cover	Transparent cover
220×300×75 mm	15	62.5	EDCBB220×300×75 - 0	EDCBC220×300×75 - 0
220×300×100 mm	40	87.5	EDCBB220×300×100 - 0	EDCBC220×300×100 - 0
220×300×150 mm	90	137.5	EDCBB220×300×150 - 0	EDCBC220×300×150 - 0



Note : “T” is cover high ; “M” is usable high

● Distribution boxes - completely unmarked walls - IP 55
Technical data

Characteristic	PC	ABS	Used for standard (UL CSA CE)
Protection class (En60529)	IP55	IP55	American : used for electric equipment boxes PC:UL style 1 4 4X 6(12 and 13) (UL 50/508) ABS :NEMA 1 4 4X 6(12 and 13)
Resist striking (En5012)	IK 08	IK 07	Canada : Industry control equipment used for electric equipment /ULc
Temperature ranges	-40 -120	-40 -80	Europe: Used for components of the switch box and control box
(Temporary) F	-40 F -250 F	-40 F -175 F	EN 50298 1998
Temperature ranges	-40 -80	-40 -60	Europe : Used for the security of IT equipment
(Continuous) F	-40 F-175 F	-40 F-140 F	EN 60950
The electric insulation	Completely insulating	Completely insulating	Australia : Used for switch box and control box
Light grey part colour	RAL 7035 Industry grey	RAL 7035 Industry grey	AS 3132 - 1991
Cover colour	Transparence	grey	
Screw for the cover	Silvery white	Silvery white	
Screw for the sheet	Light yellow	Light yellow	
Gasket	PUR/TPE	PUR/TPE	
Flammability class	UL 94 -5V	UL 94HB	UL 746 C 5 inch perpendicularity flame test
Burning conductor test	960	650	IEC 695 - 2 - 1 self-extinguishing
Innocuous properties	No halogen	No halogen	
Preventing ultraviolet radiation	UL 508		
Resist chemical corrosion	Be in aging machine 720 hours still well	Well	

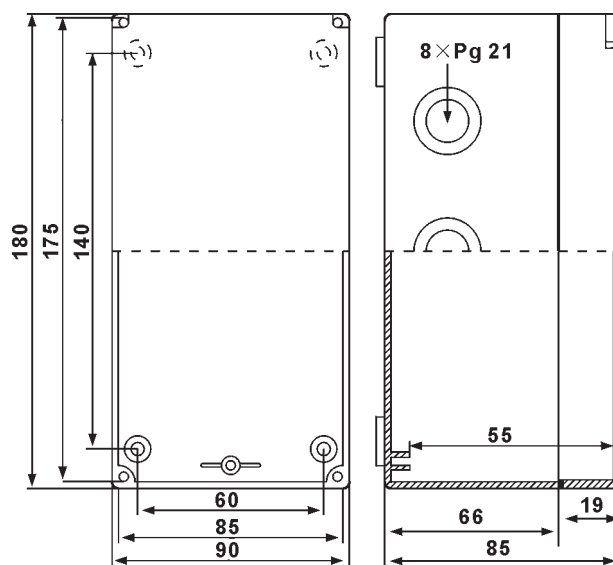
Modular distribution and connection boxes

Distribution boxes - IP 55

These boxes are supplied complete with screws and gaskets for the cover , screw caps and fair-leads for knock-outs .

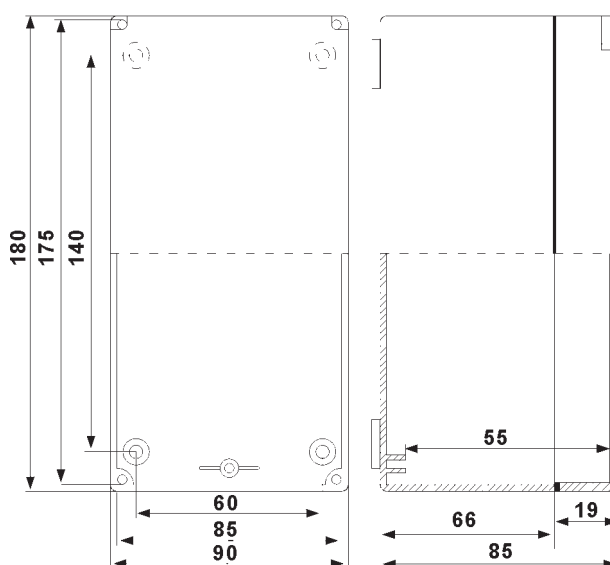
Inlets to be knocked out version

Description	Inlets to be knocked out	Part number
90×180×85 mm	8×Pg 21	EECBB90×180×85 - 8



Unmarked walls version

Description	Part number
90×180×85 mm	EECBB90×180×85 - 0



Distribution boxes - IP 55

Technical data

Characteristic	PC	ABS	Used for standard (UL CSA CE)
Protection class (En60529)	IP55	IP55	American : used for electric equipment boxes PC:UL style 1 4 4X 6(12 and 13) (UL 50/508) ABS :NEMA 1 4 4X 6(12 and 13)
Resist striking (En5012)	IK 08	IK 07	Canada : Industry control equipment used for electric equipment /ULc
Temperature ranges	-40 -120	-40 -80	Europe: Used for components of the switch box and control box
(Temporary) F	-40 F -250 F	-40 F -175 F	EN 50298 1998
Temperature ranges	-40 -80	-40 -60	Europe : Used for the security of IT equipment
(Continuous) F	-40 F-175 F	-40 F-140 F	EN 60950
The electric insulation	Completely insulating	Completely insulating	Australia : Used for switch box and control box
Light grey part colour	RAL 7035 Industry grey	RAL 7035 Industry grey	AS 3132 - 1991
Cover colour	Transparence	grey	
Screw for the cover	Silvery white	Silvery white	
Screw for the sheet	Light yellow	Light yellow	
Gasket	PUR/TPE	PUR/TPE	
Flammability class	UL 94 -5V	UL 94HB	UL 746 C 5 inch perpendicularity flame test
Burning conductor test	960	650	IEC 695 - 2 - 1 self-extinguishing
Innocuous properties	No halogen	No halogen	
Preventing ultraviolet radiation	UL 508		
Resist chemical corrosion	Be in aging machine 720 hours still well	Well	

Compact distribution and protection system

Complementary elements compact system

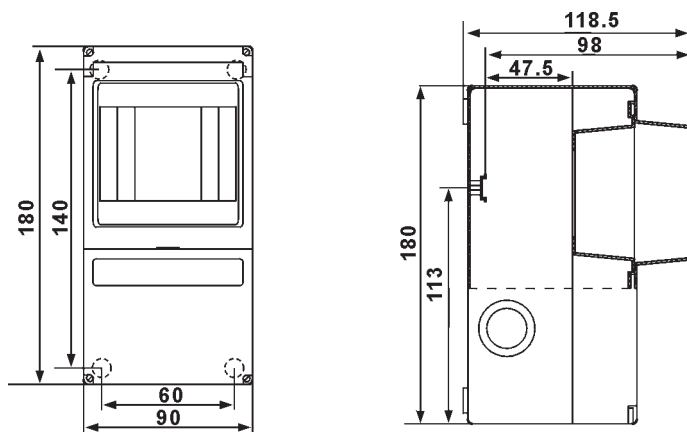
WATERTIGHT ENCLOSURES - IP 55 - Wall mounted and embedded versions

- ★ The boxes and covers are in insulating material RAL 7035 . Which passes the glow wire test at 960°C according to IEC 695-2-1 and CEI 50-11 .
- ★ Enclosures , supplied DIN guide symmetric type DIN 46.277/2 - EN 50.022 - 35/7.5 mm , suitable for mounted modular elements with 53 mm and 98 mm .
- ★ Wall enclosures are composed in battery with insulated cable clamps and gaskets .
- ★ Knock-out cable covers where you need them .
- ★ In wall enclosures , possibility to mount screw and seat brass terminal blocks suitable for connecting earth and neutral .
- ★ Degree of protection IP 55 according to IEC 529 and CEI EN 60529 , reachable with cable clamps (IP 54 with fair-leads) .
- ★ Execution according to IEC 670 and Pr . C . 431 .

WALL ENCLOSURE

Enclosure 90×180 -4 modules supplied with : DIN guide , cover screw cap , n° 2 fair-leads for max ϕ tube 25 mm , knock - outs 8× ϕ 28.5 (Pg 21) .

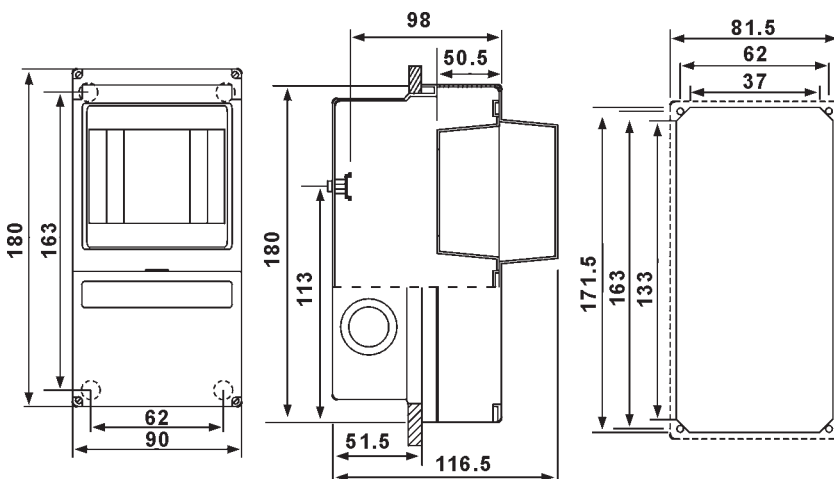
Part Number : EWCBC90×118.5×180 - 8



PANEL/EMBEDDING ENCLOSURE

Enclosure 90×180-4 modules supplied with : DIN guide , cover screw cap , n° 2 grommets for max ϕ tube 25 mm , knock-outs 8× ϕ 28.5 (Pg 21) , cut out .

Part Number : EPCBB90×116.5×180 - 8



Complementary elements compact system

Technical data

Characteristic	PC	ABS	Used for standard (UL CSA CE)
Protection class (En60529)	IP55	IP55	American : used for electric equipment boxes PC:UL style 1 4 4X 6(12 and 13) (UL 50/508) ABS :NEMA 1 4 4X 6(12 and 13)
Resist striking (En5012)	IK 08	IK 07	Canada : Industry control equipment used for electric equipment /ULc
Temperature ranges	-40 -120	-40 -80	Europe: Used for components of the switch box and control box
(Temporary) F	-40 F -250 F	-40 F -175 F	EN 50298 1998
Temperature ranges	-40 -80	-40 -60	Europe : Used for the security of IT equipment
(Continuous) F	-40 F-175 F	-40 F-140 F	EN 60950
The electric insulation	Completely insulating	Completely insulating	Australia : Used for switch box and control box
Light grey part colour	RAL 7035 Industry grey	RAL 7035 Industry grey	AS 3132 - 1991
Cover colour	Transparence	grey	
Screw for the cover	Silvery white	Silvery white	
Screw for the sheet	Light yellow	Light yellow	
Gasket	PUR/TPE	PUR/TPE	
Flammability class	UL 94 -5V	UL 94HB	UL 746 C 5 inch perpendicularity flame test
Burning conductor test	960	650	IEC 695 - 2 - 1 self-extinguishing
Innocuous properties	No halogen	No halogen	
Preventing ultraviolet radiation	UL 508		
Resist chemical corrosion	Be in aging machine 720 hours still well	Well	

Accessories

● End plates

Made 15/10 thick steel sheet and complete with 3.9 × 12 self-tapping screws.

Description	Part number
For box 110 × 110 mm	ESAH 110×110



Description	Part number
For box 110 × 150 mm	ESAH 110×150



Description	Part number
For box 150 × 150 mm	ESAH150×150



Description	Part number
For box 150 × 220 mm	ESAH 150×220



Description	Part number
For box 220 × 300 mm	ESAH 220×300



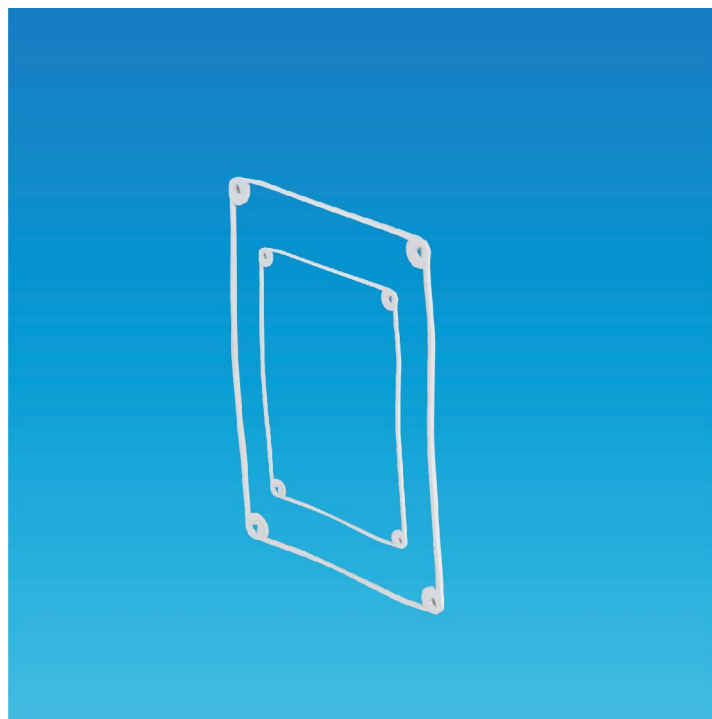
Plasticized - PVC - fair - leads

Description	Part number
For holes ϕ 21(pg 13.5) Max ϕ tube 16 mm	EFAV13.5
For holes ϕ 23(pg 16) Max ϕ tube 20 mm	EFAV16
For holes ϕ 28.5(pg 21) Max ϕ tube 25 mm	EFAV21
For holes ϕ 37.5(pg 29) Max ϕ tube 32 mm	EFAV29



Gaskets

Description	Part number
For box 110×110 mm	EGAB110×110
For box 110×150 mm	EGAB110×150
For box 150×150 mm	EGAB150×150
For box 150×220 mm	EGAB150×220
For box 220×300 mm	EGAB220×300



Screws

Description	Part number
Self - threading screws 3.9 × 19	ESAS3.9×19



Screws

Description	Part number
Self - threading screws 3.9 × 12	ESAS3.9×12



plugs

Description	Part number
For blind holes	ELAB

