



COMBIESTER System

MODULAR POLYESTER BOXES

Grey color RAL 7035

Also available in Beige, Dark grey or Green. As an option, possibility to paint the enclosure with any color.

Cover fastening

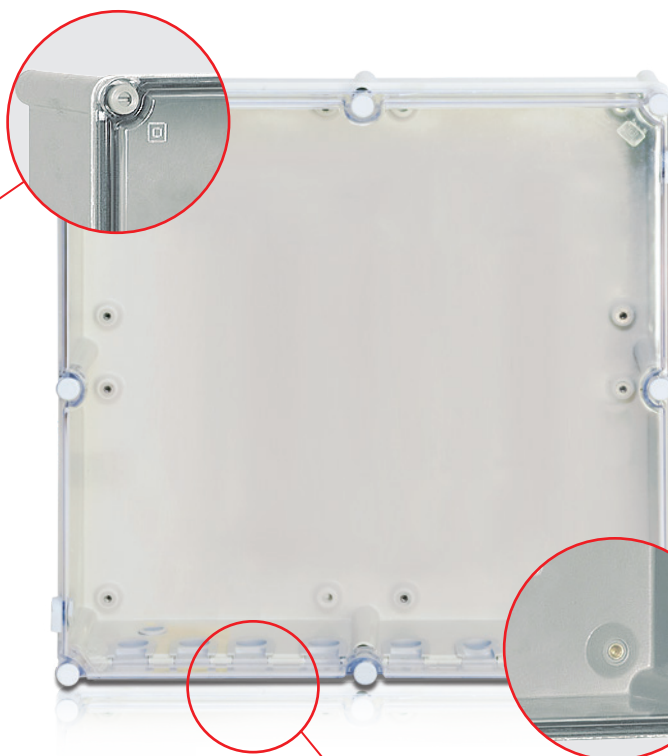
Wide range of cover fastenings with different types of screws: triangular, cross or wing head.



Covers

Available in transparent, opaque (polycarbonate or polyester), or smoked covers.

An opaque polyester cover is also available (some boxes)



Hinges

By using hinges, a box can be easily converted into an enclosure. (See all models in the accessories section.)

Threaded inserts

Removable Zamak M6 thread inserts for fixing of the back plates, switchgear, etc.

Polyurethane gasket

All covers are supplied with foamed polyurethane gasket.

Customization

Save assembly costs by requesting our custom build service. Customized base plates manufactured on demand.





Modular : Total Flexibility

The COMBIESTER system is made up of 20 modular boxes, with height and width in multiples of 90 mm.



Can be joined horizontally and vertically using brackets, allowing multiple combination.



Degrees of protection

- **IP66** in individual boxes, according to IEC 60529
- **IP55** in enclosures, according to IEC 60529
- **IK09** according to IEC 62262



Self-extinguishing

at 960° C



UL Certification

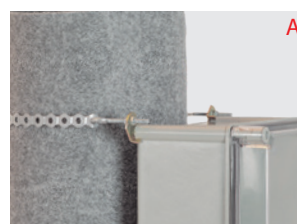
This range is UL approved. To order your products according to this approval, please contact us.

Technical Data

Fibreglass reinforced polyester Enclosure (GRP)	Colour RAL-7035	IEC 62208
Double Insulation	Class II	EN 61439-1
Mechanical (Impact) Resistance	IK09	IEC 62262
Protection against dust-water	IP66	IEC 60529
Thermal Class	A	EN 60085
Self extinguishing material	960° C	IEC 60695-2
Temperature Range	-30° +60° C	IEC 60670
Rated Voltage	1000 V	IEC 61439-1

Fixing systems

- Standard, with internal screw fixing.
- External wall mounting brackets: 06CAFM0200 for MH21 and MH31. 06CAFM0100 for MH32 to MH86.
- Pole mounting system A: 06CAFP0200
- Pole mounting system B: Ref. varies by size.





Product range

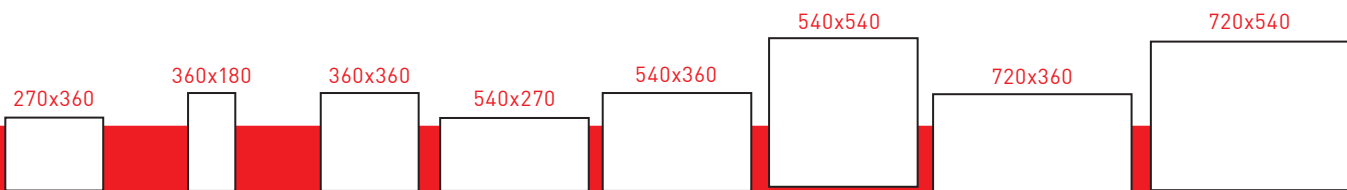
BOXES

		Dimensions (mm)	135x135	180x135	180x180	270x135	270x180	270x270
		Height x Width → Depth ↓						
	Polyester box RAL 7035 Transparent polycarbonate lid IP66	129	MH 15 06CCTT15S0	MH 21 06CCTT21S0	MH 22 06CCTT22S0	MH 31 06CCTT31S0	-	-
		141	-	-	-	-	MH 32B 06CCTT32B0	-
		171	-	-	-	-	MH 32 06CCTT32S0	MH 33 06CCTT33S0
		201	-	-	-	-	-	-
		211	-	-	-	-	-	-
	Polyester box RAL 7035 Grey/opaque polycarbonate lid IP66	129	MHO 15 06CCTO15S0	MHO 21 06CCTO21S0	MHO 22 06CCTO22S0	MHO 31 06CCTO31S0	-	-
		141	-	-	-	-	MHO 32B 06CCTO32B0	-
		171	-	-	-	-	MHO 32 06CCTO32S0	MHO 33 06CCTO33S0
		201	-	-	-	-	-	-
		211	-	-	-	-	-	-
	Polyester box RAL 7035 Smoked polycarbonate lid Blue screws RAL 5013 IP66	129	MHF 15 06CCTF15S0	MHF 21 06CCTF21S0	MHF 22 06CCTF22S0	MHF 31 06CCTF31S0	-	-
		141	-	-	-	-	MHF 32B 06CCTF32B0	-
		171	-	-	-	-	MHF 32 06CCTF32S0	MHF 33 06CCTF33S0
		201	-	-	-	-	-	-
		211	-	-	-	-	-	-
	Polyester box RAL 7035 Grey opaque SMC lid IP66	171	-	-	-	-	MHP 32 06CCTP32S0	MHP 33 06CCRP33S0

ACCESSORIES

	Flanges to increase the depth of the boxes. Mounted between base and cover. Height 62,5 mm and 125 mm for 540x540 mm boxes.	-	-	-	-	-	-	-
	Self-extinguishing polyester mounting plate	-	06CAPP2100		06CAPP3100	06CAPP3200	06CAPP3300	
	Self-extinguishing bakelite mounting plate	-	06CAPB2100		06CAPB3100	06CAPB3200	06CAPB3300	
	Metal mounting plate	-	06CAPM2100		06CAPM3100	06CAPM3200	06CAPM3300	
	Fuseboard frame	-	-		-	06CACM1000	06CACM2000	
	Nº of din rails	-	-		-	1	2	
	Nº of modules	-	-		-	10	20	

Serie 33



-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
MH 34 06CCTT34S0	MH 42 06CCTT42S0	MH 44 06CCTT44S0	MH 63 06CCTT63S0	MH 64 06CCTT64S0	MH 66 06CCTT66S0	-	-
MH 34A 06CCTT34A0	-	MH 44A 06CCTT44A0	MH 63A 06CCTT63A0	MH 64A 06CCTT64A0	MH 66A 06CCTT66A0	MH 84A 06CCTT84A0	MH 86A 06CCTT86A0-A
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
MHO 34 06CCTO34S0	MHO 42 06CCTO42S0	MHO 44 06CCTO44S0	MHO 63 06CCTO63S0	MHO 64 06CCTO64S0	MHO 66 06CCTO66S0	-	-
MHO 34A 06CCTO34A0	-	MHO 44A 06CCTO44A0	MHO 63A 06CCTO63A0	MHO 64A 06CCTO64A0	MHO 66A 06CCTO66A0	MHO 84A 06CCTO84A0	MHO 86A 06CCTO86A0
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
MHF 34 06CCTF34S0	MHF 42 06CCTF42S0	MHF 44 06CCTF44S0	MHF 63 06CCTF63S0	MHF 64 06CCTF64S0	MHF 66 06CCTF66S0	-	-
MHF 34A 06CCTF34A0	-	MHF 44A 06CCTF44A0	MHF 63A 06CCTF63A0	MHF 64A 06CCTF64A0	MHF 66A 06CCTF66A0	MHF 84A 06CCTF84A0	MHF 86A 06CCTF86A0
MHP 34 06CCTP34S0	-	-	MHP 63 06CCTP63S0	MHP 64 06CCTP64S0	-	-	-
06CARP3400	-	06CARP4400	06CARP6300	06CARP6400	06CARP6600	-	-
06CAPP3400	06CAPP4200	06CAPP4400	06CAPP6300	06CAPP6400	06CAPP6630	06CAPP8400	06CAPP8600
06CAPB3400	06CAPB4200	06CAPB4400	06CAPB6300	06CAPB6400	06CAPB6600	06CAPB8400	06CAPB8600
06CAPM3400	06CAPM4200	06CAPM4400	06CAPM6300	06CAPM6400	06CAPM6600	06CAPM8400	06CAPM8600
06CACM3000	-	-	06CACM4000	06CACM6000	-	-	-
3	-	-	4	4	-	-	-
30	-	-	40	60	-	-	-



Accessories

Screw Cover

Serie 55



Blind plug
Ref. E976007



Screwdriver (M16)
Ref. E976014



Triangular (M16)
Ref. E976017



Manual (M16)
Ref. E926481

Serie 33



Manual (M14)
Ref. 06CATM000



Triangular (M14)
Ref. 06CATT0100



Screwdriver (M14)
Grey Ref. 06CATD0100
Blue Ref. 06CATD0200

Locks



Safety lock with key
Ref. 06CATL0100

Hinges



External hinges
(set of 2 u.)
Ref. 06CABE0100
*Suitable for the S55



Flexible hinge
Screwdriver Ref. 06CABM0100
Manual Ref. 06CABD0200



Internal hinges
(set of 2 u.)
Ref. 06CABI0100
*Suitable for the S55

Vent and drain valves



Vent valve
Big size Ref. 06PEAD0002
Small size Ref. 06PEDAD0001
*Suitable for the S55



Drain valve
Ref. 06PNAD0002
*Suitable for the S55

Fixing systems



Wall mounting
MH21 a MH31 Ref. 06CAFM0200
MH32 a MH86 Ref. 06CAFM0100
*Suitable for the S55

Cable sealing boxes



Cable sealing boxes
A Ref. 06CACC0100
B Ref. 06CACC0200



Caja entrada de cables
Ref. E976028
*Suitable for the S55



Segmented cable
sealing boxes
Ref. 06CABP0100

Cabinet with hinged glazed door

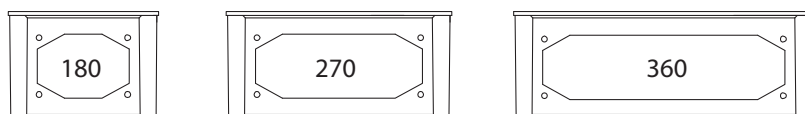


Pole mounting
Ref. 06CAFP0100
*Suitable for the S55

270x270x171 mm Ref. E234033-KBP
270x360x171 mm Ref. E234034-KBP
360x360x171 mm Ref. E234044-KBP
270x360x171 mm Ref. E234063-KBP
540x360x171 mm Ref. E234064-KBP
540x540x171 mm Ref. E234066-KBP

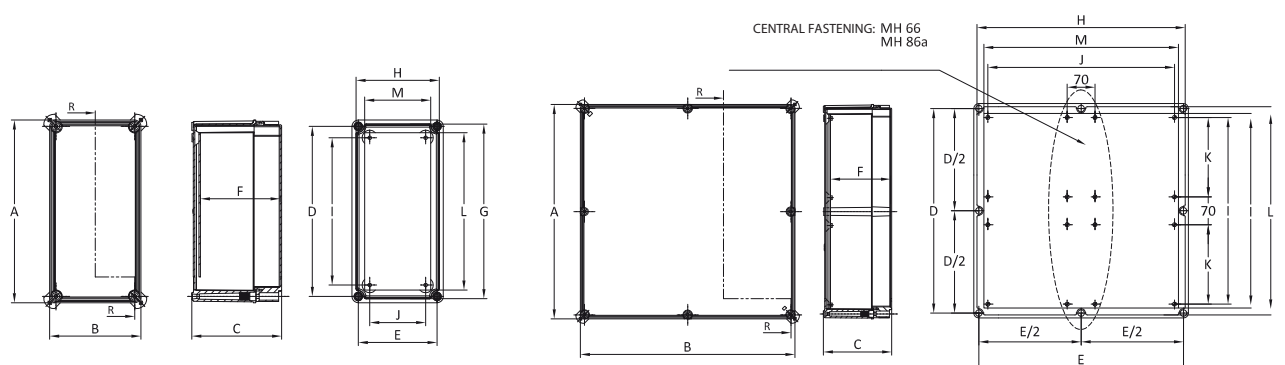


Coupling frames & end plates



Coupling frames	with gasket	06CACA1800	06CACA2700	06CACA3600
	without gasket	06CACS1800	06CACS2700	06CACS3600
End plates	with gasket	06CAPF1800	06CAPF2700	06CAPS3600

Dimensional



Box dimensions (mm)

Mounting plates (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M
MH 15	135	135	129	115	115	112	113	113	85	85	-	97	97
MH 21	180	135	129	160	115	112	158	113	130	85	-	142	97
MH 22	180	180	129	160	160	112	158	158	130	130	-	142	142
MH 31	270	135	129	250	115	112	248	113	220	86	-	234	98
MH 32b	270	180	141	250	160	124	245	155	200	110	-	220	130
MH 32	270	180	171	250	160	154	245	155	200	110	-	220	130
MH 33	270	270	171	250	250	154	245	245	200	200	-	220	220
MH 34	270	360	171	250	340	154	245	335	200	290	-	220	310
MH 34a	270	360	201	250	340	184	245	335	200	290	-	220	310
MH 42	360	180	171	340	160	154	335	155	290	110	-	310	130
MH 44	360	360	171	340	340	154	335	335	290	290	-	310	310
MH 44a	360	360	201	340	340	184	335	335	290	290	-	310	310
MH 63	540	270	171	515	245	154	515	245	470	200	200	490	220
MH 63a	540	270	201	515	245	184	515	245	470	200	200	490	220
MH 64	540	360	171	515	335	154	515	335	470	290	200	490	310
MH 64a	540	360	201	515	335	184	515	335	470	290	200	490	310
MH 66	540	540	171	515	515	154	515	515	470	470	200	490	490
MH 66a	540	540	201	515	515	184	515	515	470	470	200	490	490
MH 84a	720	360	201	695	335	184	695	335	650	290	290	670	310
MH 86a	720	540	201	695	515	184	695	515	650	470	290	670	490