SB (S Box) Double insulation enclosures IP66, IK10

Enclosures made of fiberglass-reinforced polyester RAL 7035

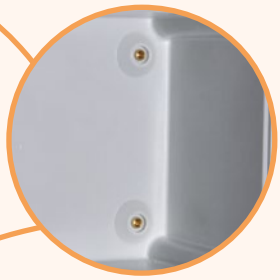




→ Fixing enclusures directly on wall (surface mounted) thru premade holes



→ One enclosure includes polyester mounting plate. If necessary it is possible to order additional plate separetely (as replacement)



→ Removable mounting plate fixed by 4 screws and pressed nuts

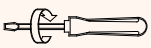




→ Top cover sealed for high IP degree (IP66)



→ Attaching the top cover by four screws using a flat screwdriver



(Max. 2,1 Nm)





→ Door hinges as an option, must be ordered separately (Accessories). Recommended use of the silicone to keep IP protection degree (screw holes)

Description

Enclosures made of fiberglass-reinforced polyester RAL 7035, designed for extreme conditions:

- self extinguishing 960 °C , does not lead flames
- waterproof, IP66
- double insulation
- halogen free
- UV stable polycarbonate cover with gasket
- wide temperature range -30 °C / + 60 °C
- protection against external mechanical impacts: IK10
- easy handling & user friendly
- suitable for PV applications, nominal voltage 1000 V DC
- nominal current 1000A

Enclosures - transparent lid, grey base RAL 7035

Type	Code No.	Number of modules	Weight [g]	Packaging [pcs]
SB-32	001102500	270x180x170	1,25	1
SB-44	001102501	360x360x170	2,90	1
SB-64	001102502	540x360x170	5,05	1

*polyester mounting plate already included and mounted in the box



They are exceptionally durable, corrosian resistant, can withstand exposure to chemicals, water and extreme condition

Accessories, spare parts

Type	Code No.	Description	Weight [g]	Packaging [pcs]
SB-MP32	001102503	Mounting plate for SB-32	0,16	5
SB-MP44	001102504	Mounting plate for SB-44	0,71	5
SB-MP64	001102505	Mounting plate for SB-64	0,88	5
SB-HIN	001102507	Door Hinges	0,01	1



SB-MP..



SB-HIN

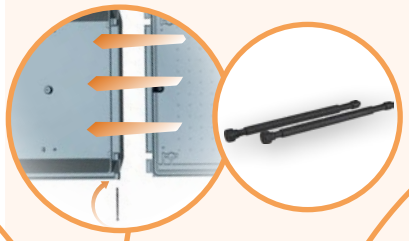
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Polyester enclosures EPC (IP66)

→ NON-METALLIC hinge pins that will prevent any kind of corrosion and rust.



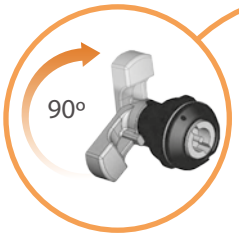
→ Anti blow system. With up to 3 or 4 points of pressure.The "wedges" press the rubber gasket at the door against the interior of the enclosure to assure IP66 protection.



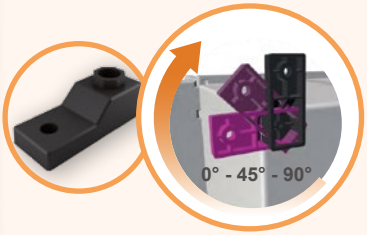


→ Mounting plates are not included in the package. Can be ordered additionaly: polyester or metal.





→ 90° locking mechanism. The standard lock can be replaced by lock with key.



→ Enclosure can be directly mounted on wall or additional wall fixing lugs can be used.



→ Possible to connect 2 or more enclosures together (grouping) by using additional connecting flanges.



→ Manual installation of the hinge pins, without the need for tools. Hinge bolts allow the door to open up to 180°



→ Closets are designed with a Shade or Cover which protects the closet from getting water inside.



→ Included mounting set for installation of enclosures directly on the wall (4 screws with inserts). Due to separated installation hole, IP66 is obtained.



→ Accessory EPC-DH-145 allows limit and lock door opening angle from 180 ° to 145 °



→ 2 types of passive ventilation (natural air convection) systems: EPC-VDS / VDL modules



→ For visual control are available cabinets with window EPC-W series.



→ Metric or PG cable clands can be used for IP66 cable entry.

Fiberglass Reinforced Polyester EPC Cabinets (IP66)

Description
Polyester reinforced with fiber glass enclosures provide double insulation class in IP66 protection. Can be used outside (PV systems, up to 1500VDC) or in industry applications.

→ Double insulated enclosure, protection class II. Rated operational voltage 1000Vac - 1500Vdc

→ Excellent cabinets for outside installation and withstanding extreme climate conditions. Rain, frost, dirt... even chemical agents. They have a much higher lifespan than metallic closets.

→ Manufactured entirely without any metallic parts. WILL NOT RUST

→ All components made with recyclable materials and reduced waste. Abides by the European restrictions of hazardous residue RoHS

→ IP66 grade protection against water and dust; non-hygroscopic materials.

→ High mechanical resistance IK-10

→ UV stable material

→ Thermosetting materials do NOT vary in structure or get deformed with climate changes. However, plastic materials WILL get deformed.

→ Color RAL7035

→ Possible grouping of enclosures by using IP66 connection flanges.

→ Fire resistant at 960°, self-extinguishing material and hallogen free.



Polyester enclosures IP66 (solid door)

Type	Code No.	Description	Dimensions [mm]			Weight	Packaging
			Height	Width	Depth	[kg]	[pcs]
EPC 30-25-14	001102600	Polyester enclosure IP66	300	250	140	1,93	1
EPC 40-30-20	001102601	Polyester enclosure IP66	400	300	200	3,60	1
EPC 40-40-20	001102602	Polyester enclosure IP66	400	400	200	4,35	1
EPC 50-40-20	001102603	Polyester enclosure IP66	500	400	200	5,25	1
EPC 60-40-23	001102604	Polyester enclosure IP66	600	400	230	7,13	1
EPC 60-50-23	001102605	Polyester enclosure IP66	600	500	230	7,93	1
EPC 80-30-23	001102606	Polyester enclosure IP66	800	300	230	6,40	1
EPC 80-60-30	001102607	Polyester enclosure IP66	800	600	300	12,65	1

Mounting plate not included!

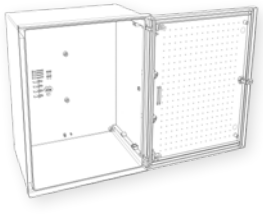


Polyester enclosures IP66 (door with window)

Type	Code No.	Description	Dimensions [mm]			Weight	Packaging
			Height	Width	Depth	[kg]	[pcs]
EPC-W 30-25-14	001102608	Polyester enclosure IP66 (with window)	300	250	140	2,00	1
EPC-W 40-30-20	001102609	Polyester enclosure IP66 (with window)	400	300	200	3,57	1
EPC-W 40-40-20	001102610	Polyester enclosure IP66 (with window)	400	400	200	4,30	1
EPC-W 50-40-20	001102611	Polyester enclosure IP66 (with window)	500	400	200	5,21	1
EPC-W 60-40-23	001102612	Polyester enclosure IP66 (with window)	600	400	230	7,05	1
EPC-W 60-50-23	001102613	Polyester enclosure IP66 (with window)	600	500	230	7,56	1
EPC-W 80-30-23	001102614	Polyester enclosure IP66 (with window)	800	300	230	6,40	1
EPC-W 80-60-30	001102615	Polyester enclosure IP66 (with window)	800	600	300	12,15	1

Mounting plate not included!



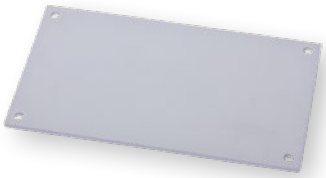


Included:
- enclosure with doors
- hinges
- wall mounting set (4pcs.)
- Standard two-leaf lock with key



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Accessories



Mounting plate EPC-PMP (polyester)

Type	Code No.	Description	Overall dimensions [mm]			Weight	Packaging
			Height	Width	Thickness	[g]	[pcs]
EPC-PMP 30-25	001102616	Polyester plate	262	198	3	380	1
EPC-PMP 40-30	001102617	Polyester plate	360	248	3	590	1
EPC-PMP 40-40	001102618	Polyester plate	360	348	3	870	1
EPC-PMP 50-40	001102619	Polyester plate	460	348	3	1090	1
EPC-PMP 60-40	001102620	Polyester plate	558	348	3	1300	1
EPC-PMP 60-50	001102621	Polyester plate	558	448	3	1750	1
EPC-PMP 80-30	001102622	Polyester plate	756	248	3	1460	1
EPC-PMP 80-60	001102623	Polyester plate	756	548	4	2780	1



Mounting plate EPC-MMP (metal)

Type	Code No.	Description	Overall dimensions [mm]			Weight	Packaging
			Height	Width	Thickness	[g]	[pcs]
EPC-MMP 30-25	001102624	Metal plate	262	198	2	790	1
EPC-MMP 40-30	001102625	Metal plate	360	248	2	1300	1
EPC-MMP 40-40	001102626	Metal plate	360	348	2	1900	1
EPC-MMP 50-40	001102627	Metal plate	460	348	2	2200	1
EPC-MMP 60-40	001102628	Metal plate	558	348	2	3000	1
EPC-MMP 60-50	001102629	Metal plate	558	448	2	3600	1
EPC-MMP 80-30	001102630	Metal plate	756	248	2	3260	1
EPC-MMP 80-60	001102631	Metal plate	756	548	2	6400	1

Accessories

Type	Code No.	Description	Overall dimensions [mm]			Weight	Packaging
			Height	Width	Depth	[g]	[pcs]
EPC-DL10	001102632	Lock with universal key	50	20	20	40	1
EPC-LK	001102633	Lock with key	50	40	20	70	1
EPC-VDS	001102634	IP54 ventilation module (mini)	28	25	20	10	1
EPC-VDL	001102635	IP54 ventilation module (large)	68	50	23	30	1
EPC-WM	001102636	Wall mounting fixing lugs	67	28	25	90	1
EPC-DH-145	001102637	Door stop (145°)	6	1	1	10	1



EPC-DL10



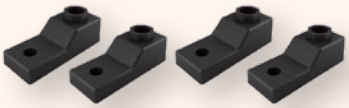
EPC-LK



EPC-VDS



EPC-VDL



EPC-WM



EPC-DH-145

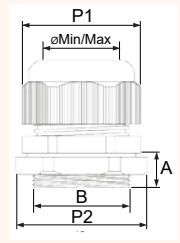
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Cable glands PG IP68

IP68 cable glands for cable entry in EPC enclosure, included nut and rubber.

Cable glands PG IP68

Type	Code No.	Thread	Cross-section		Overall dimensions [mm]					Weight	Packaging
			min.	max.		A	B	P1	P2	[g]	[pcs]
PG-7	001102641	M-12	2,5	6,5		9	12,5	16	19	10	1
PG-9	001102642	M-16	4,5	8		9	15,5	19	22	10	1
PG-11	001102643	M-20	5	10		9	18,6	22	24	10	1
PG-13.5	001102644	M-20	6	12		10	20,4	24	26	20	1
PG-16	001102645	M-25	7	14		10	22,5	27	30	20	1
PG-21	001102646	M-32	11	18		12	28,3	33	36	20	1
PG-29	001102647	M-32	17	25		13	37	42	46	30	1
PG-36	001102648	M-40	22	32		16	47	52	56	30	1
PG-42	001102649	M-50	26	39		17	54	60	65	30	1
PG-48	001102650	M-63	30	44		18	59,3	64	70	40	1



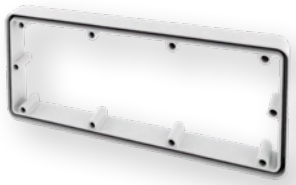


Connection flanges EPC-CF

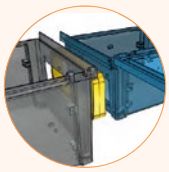
For connecting 2 or more EPC enclosures (grouping).

Connection flanges EPC-CF

Type	Code No.	Description	Overall dimensions [mm]			Weight	Packaging
			Height	Width	Depth	[g]	[pcs]
EPC-CF-A 23x10	001102638	Connection flange	230	100	20	150	1
EPC-CF-B 35x15	001102639	Connection flange	350	150	20	190	1
EPC-CF-C 35x15	001102640	Connection flange	350	150	20	240	1











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