

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 additionally: 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.



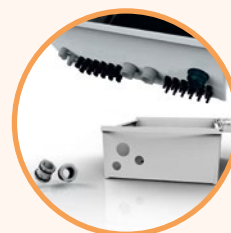
→ Accessory EPC-DH-145 allows limit and lock door opening angle from 180° to 145°



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



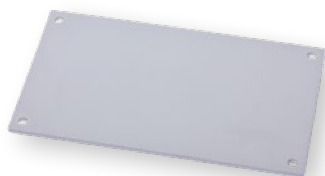
→ For visual control are available cabinets with window EPC-W series.



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

Accessories

Mounting plate EPC-PMP (polyester)



Type	Code No.	Description	Overall dimensions [mm]			Weight [g]	Packaging [pcs]
			Height	Width	Thickness		
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 [g]	Packaging [pcs]
			Height	Width	Thickness		
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 [g]	Packaging [pcs]
			Height	Width	Depth		
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



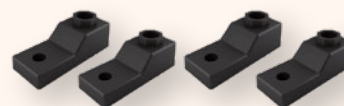
EPC-LK



EPC-VDS



EPC-VDL



EPC-WM



EPC-DH-145

Technical data

Fiberglass Reinforced Polyester EPC Cabinets (IP66)

Technical data	
Protection degree	IP66
Degree of protection against external mechanical impacts	IK10, IK07 (with window)
Protection class	II
Rated operational voltage	1000 V AC, 1500 V DC
Material body/seal	fiberglass reinforced polyester / polyurethane
UV resistance	✓
Operating temperature	-30 °C ... +120 °C
Color	RAL 7035
Resistance to fire and heat	960 °C
Compliance with standards	IEC 62208

Properties	EPC/-W 30-25-14	EPC/-W 40-30-20	EPC/-W 40-40-20	EPC/-W 50-40-20	EPC/-W 60-40-23	EPC/-W 60-50-23	EPC/-W 80-30-23	EPC/-W 80-60-30
External dimensions								
Height (mm)	300	400	400	500	600	600	800	800
Width (mm)	250	300	400	400	400	500	300	600
Depth (mm)	140	200	200	200	230	230	230	300
Internal dimensions								
Height (mm)	273	373	373	473	573	573	773	773
Width (mm)	207	257	357	357	357	457	257	557
Depth (mm)	123	183	183	183	213	213	213	283
Other characteristics								
Number of locks	1	2	2	2	2	2	2	2
Number of wedges (anti-blow system)	1	1	2	2	2	2	2	2
Number of fixing points - mounting plate	4	5	5	6	6	6	4	7
Power dissipation P _{de} @T=40 °C	36,2	58,8	72,6	82,9	99,4	117	103	185
Weight (kg)	1,93	3,6	4,35	5,25	7,13	7,93	6,4	12,65
Mounting plate (polyester)	EPC-PMP 30-25	EPC-PMP 40-30	EPC-PMP 40-40	EPC-PMP 50-40	EPC-PMP 60-40	EPC-PMP 60-50	EPC-PMP 80-30	EPC-PMP 80-60
Height (mm)	262	360	360	460	558	558	756	756
Width (mm)	198	248	348	348	348	448	248	548
Thickness (mm)	3	3	3	3	3	3	3	4
Weight (kg)	0,38	0,59	0,87	1,09	1,3	1,75	1,46	2,78
Mounting plate (metal)	EPC-MPP 30-25	EPC-MPP 40-30	EPC-MPP 40-40	EPC-MPP 50-40	EPC-MPP 60-40	EPC-MPP 60-50	EPC-MPP 80-30	EPC-MPP 80-60
Height (mm)	262	360	360	460	558	558	756	756
Width (mm)	198	248	348	348	348	448	248	548
Thickness (mm)	2	2	2	2	2	2	2	2
Weight (kg)	0,79	1,3	1,9	2,2	3	3,6	3,26	6,4