

Enclosures with mounting panel of PRO series

Enclosures with mounting panel of PRO series are designed for assembling of various switchboards: power supply, control, automation. They allow for installation of both modular and conventional devices. Welded metal casing with detachable mounting panel. Execution IP54 has climatic rating U1 (can be installed outdoors). SCHMP enclosures of PRO series with degree of protection IP54 are fitted with two-component sealing on the door and dust/moisture-proof lock. The IP54 enclosures also have protection apron and chute to prevent dirt and water from entering when door is opened. The enclosure door is lockable. Locks can be opened by common key.



Advantages

- Welded casing, fully welded joints.
- Installation of dummy panels is possible.
- Protection apron and chute of IP54 enclosures prevent dirt and water from entering when door is opened.
- Enlarged useful area of mounting panels.
- Removable cable inlets facilitate the conductors entry to the enclosure.
- Wide range of accessories.
- SCHMP of PRO series are visually distinguished by beveled corners.
- High level of electrical safety.
- High-quality external coating.
- Improved corrosion resistance.
- When lock is fitted with sealable dust/moisture-proof gaskets, enclosure protection IP54 can be upgraded to IP65.
- Fully equipped.
- Locks with common key.

Technical characteristics

Type of mounting	surface-mounted
Metal thickness	1.0 mm: SCHMP of first 3 sizes; 1.4 mm: SCHMP bigger than 3 rd size;
Rated current	up to 630 A
Type of coating	powder coat, sharkskin
Color	RAL 7032 for IP31 RAL 7035 for IP54
Degree of protection	IP31, IP54
Door opening angle	105°
Type of employed devices	any

Design features



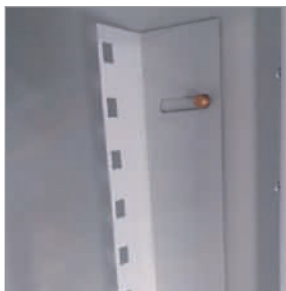
Welded casing, fully welded joints – complete tightness of enclosure.



Metal dummy panels can be installed (LG blank face panels and LMA face panels for modular circuit breakers).



Protection apron and chute of IP54 enclosures: electric equipment is protected from moisture ingress.



The angle allows for adjustment of LG and LMA panels installation depth.



SCHMP enclosures of PRO series are visually distinguished by beveled corners.



When sealable dust/moisture-proof gaskets are fitted, enclosure protection is upgraded to IP65.



Enlarged useful area of galvanized mounting panel, perforation for use of cable ties.



The IP54 version is sealed by foamed polyurethane on the door edges.



Removable cable inlets ensure easy access to equipment during installation works.



Three hinges to reinforce door structure of SCHMP PRO enclosures that are bigger than 3rd size. Three locks to ensure tight fit of the door of SCHMP PRO enclosures that are bigger than 5th size.

Scope of supply



- Electrical safety signs
- Kit for casing grounding and hanging
- Rubberized rings to ensure protection degree IP54 in fixing points

Color



RAL 7032



RAL 7035

	Description	Specifications	Overall dimensions (H×W×D), mm	Color	Product ID
	SCHMP-7-2 36 UHL3 IP31 PRO	Number of entries: 3 openings 171×92 mm (bottom). Weight 44 kg.	Casing: 1400×650×285 Panel: 1375×585×15	RAL 7035	YKM42-07-31-P
Enclosures with mounting panel IP54 	SCHMP-1-2 74 U1 IP54 PRO	Number of entries: 1 opening 171×92 mm (bottom). Weight 7 kg.	Casing: 395×310×220 Panel: 370×250×15	RAL 7032	YKM42-01-54-P
	SCHMP-2-2 74 U1 IP54 PRO	Number of entries: 1 opening 171×92 mm (bottom). Weight 10.4 kg.	Casing: 500×400×220 Panel: 475×340×15	RAL 7032	YKM42-02-54-P
	SCHMP-3-2 74 U1 IP54 PRO	Number of entries: 2 openings 171×92 mm (bottom). Weight 15 kg.	Casing: 650×500×220 Panel: 625×440×15	RAL 7032	YKM42-03-54-P
	SCHMP-4-2 74 U1 IP54 PRO	Number of entries: 2 openings 171×92 mm (bottom). Weight 26 kg.	Casing: 800×650×250 Panel: 775×585×15	RAL 7032	YKM42-04-54-P
	SCHMP-5-2 74 U1 IP54 PRO	Number of entries: 3 openings 171×92 mm (bottom). Weight 35 kg.	Casing: 1000×650×285/293* Panel: 975×585×15	RAL 7032	YKM42-05-54-P
	SCHMP-6-2 74 U1 IP54 PRO	Number of entries: 3 openings 171×92 mm (bottom). Weight 41 kg.	Casing: 1200×650×285/293* Panel: 1175×585×15	RAL 7032	YKM42-06-54-P
	SCHMP-7-2 74 U1 IP54 PRO	Number of entries: 3 openings 171×92 mm (bottom). Weight 47 kg.	Casing: 1400×650×285/293* Panel: 1375×585×15	RAL 7032	YKM42-07-54-P