

## 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;<br>1.4 mm: SCHMP bigger than 3 <sup>rd</sup> size; |
| Rated current            | up to 630 A                                                                        |
| Type of coating          | powder coat, sharkskin                                                             |
| Color                    | RAL 7032 for IP31<br>RAL 7035 for IP54                                             |
| Degree of protection     | IP31, IP54                                                                         |
| Door opening angle       | 105°                                                                               |
| Type of employed devices | any                                                                                |

## Design features



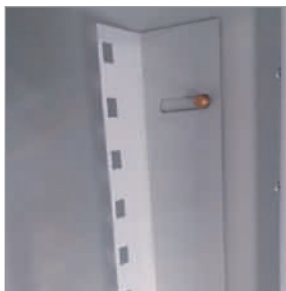
Welded casing, fully welded joints – complete tightness of enclosure.



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

## Structure of designation

### SCHMP-1-2 74 U1 IP54 PRO

**SCHMP:** board enclosure with mounting panel

**1** – casing size

**2:** version of PRO series

**7:** type of coating

**3:** epoxy-polyester powder paint / sharkskin

**7:** polyester powder paint / sharkskin

**4:** paint color:

**4:** RAL 7032

**6:** RAL 7035

**IP54:** degree of protection

**PRO:** series name

## Products' range

| Enclosures with mounting panel IP31                                                 | Description                | Specifications                                                          | Overall dimensions (H×W×D), mm                     | Color    | Product ID    |
|-------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------|----------------------------------------------------|----------|---------------|
|                                                                                     |                            |                                                                         |                                                    |          |               |
|    | SCHMP-1-2 36 UHL3 IP31 PRO | Number of entries:<br>1 opening 171492 mm (bottom).<br>Weight 6.6 kg.   | Casing :<br>395×310×220<br>Panel :<br>370×250×15   | RAL 7035 | YKM42-01-31-P |
|                                                                                     |                            |                                                                         |                                                    |          |               |
|   | SCHMP-2-2 36 UHL3 IP31 PRO | Number of entries:<br>1 opening 171492 mm (bottom).<br>Weight 9.9 kg.   | Casing :<br>500×400×220<br>Panel :<br>475×340×15   | RAL 7035 | YKM42-02-31-P |
|                                                                                     |                            |                                                                         |                                                    |          |               |
|  | SCHMP-3-2 36 UHL3 IP31 PRO | Number of entries:<br>2 openings 171492 mm (bottom).<br>Weight 14.4 kg. | Casing :<br>650×500×220<br>Panel :<br>625×440×15   | RAL 7035 | YKM42-03-31-P |
|                                                                                     |                            |                                                                         |                                                    |          |               |
|  | SCHMP-4-2 36 UHL3 IP31 PRO | Number of entries:<br>2 openings 171492 mm (bottom).<br>Weight 23 kg.   | Casing :<br>800×650×250<br>Panel :<br>775×585×15   | RAL 7035 | YKM42-04-31-P |
|                                                                                     |                            |                                                                         |                                                    |          |               |
|  | SCHMP-5-2 36 UHL3 IP31 PRO | Number of entries:<br>3 openings 171492 mm (bottom).<br>Weight 29.7 kg. | Casing :<br>1000×650×285<br>Panel :<br>975×585×15  | RAL 7035 | YKM42-05-31-P |
|                                                                                     |                            |                                                                         |                                                    |          |               |
|  | SCHMP-6-2 36 UHL3 IP31 PRO | Number of entries:<br>3 openings 171492 mm (bottom).<br>Weight 38 kg.   | Casing :<br>1200×650×285<br>Panel :<br>1175×585×15 | RAL 7035 | YKM42-06-31-P |
|                                                                                     |                            |                                                                         |                                                    |          |               |