

# Modular metal distribution empty enclosures

## Electric distribution empty enclosures SCHRn(v)

They are intended for assembling distribution empty enclosures using modular equipment, electric power supply and distribution as well as protecting networks of 230/400 V from short circuit and overloads.

Correspond to EN 62208.



### Advantages

- High corrosion resistance.
- High quality coating.
- Universal key lock.
- Set of additional accessories.
- High performance and easy assembly.
- Several color and paintwork variants.
- High electrical safety.
- Quality certificate.

### Technical Features

Mounting	flush, surface
Metal gauge	0,8-1,0 mm
Rated current	up to 125 A
Coating	powder, sharkskin/gloss
Color	RAL 7032, RAL 7035, RAL 9016
Protection	surface – IP31, IP54 flush – IP31
Door opening angle	105°
Equipment type	modular

## Design Features



Installation rail for N and PE buses.



IP54 type is equipped with protective tray preventing water and dust ingress at the door opening.

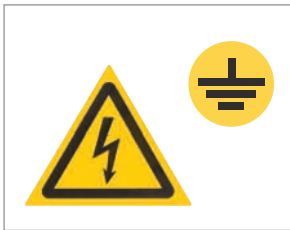


Protective speedbar excluding electric shock in the process of ready unit exploitation.

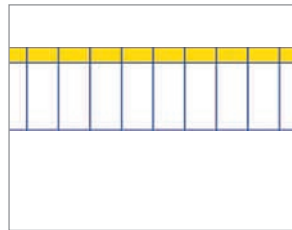


IP54 type is provided with foamed PUR sealing.

## Configuration



Electrical safety signs

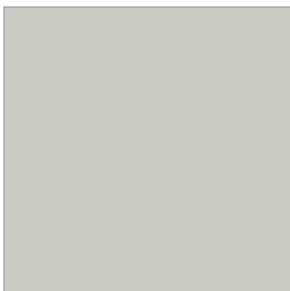


Marking plate

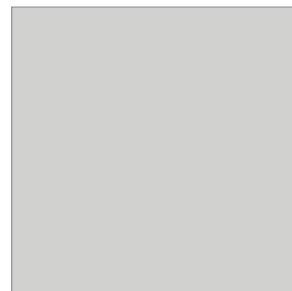


Gland seals (for IP54 type empty enclosures)

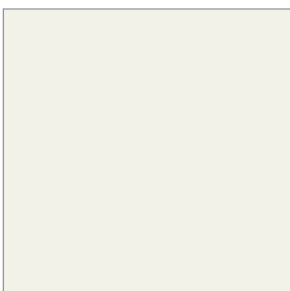
## Color



RAL 7032



RAL 7035



RAL 9016

## Designations

### SCHRn-9z-1 3 6 YXJ3 IP31

- SCH** - empty enclosures
- R** - distribution
- n** - surface
- v** - flush
- 9-72** - maximum number of modules
- z** - lock included
- 0** - modification number
  - 0** - with angle bars for N and PE bus mounting
  - 1** - zinc-coated rail for N and PE bus mounting
- 3** - coating type
  - 3** - EPR/sharkskin
  - 5** - EPR/gloss
  - 7** - PC/sharkskin
- 6** - paint color
  - 4** - RAL 7032
  - 6** - RAL 7035
  - 8** - RAL 9016
- YXJ3** - climate type
- IP31** - protection degree

\* N and PE busbars are to be ordered separately.



	Name	No. of modules	Overall dimensions (H×W×D), mm	Features	Color	Product ID
	SCHRn-36z-1 36 YXL3 IP31	36	Body: 540×310×120	No. of inputs: 3 holes Ø31 mm (on bottom) Weight: 6,9 kg	RAL 7035	MKM14-N-36-31-Z
	SCHRn-36z-1 38 YXL3 IP31	36			RAL 9016	MKM13-N-36-31-Z
	SCHRn-48z-1 36 YXL3 IP31	48	Body: 620×310×120	No. of inputs: 3 holes Ø31 mm (on bottom) Weight: 7,6 kg	RAL 7035	MKM14-N-48-31-Z
	SCHRn-48z-1 38 YXL3 IP31	48			RAL 9016	MKM13-N-48-31-Z
	SCHRn-54z-1 36 YXL3 IP31	54	Body: 540×440×120	No. of inputs: 5 holes Ø31 mm (on bottom) Weight: 9,2 kg	RAL 7035	MKM14-N-54-31-Z
	SCHRn-54z-1 38 YXL3 IP31	54			RAL 9016	MKM12-N-54-31-Z
	SCHRn-72z-1 36 YXL3 IP31	72	Body: 540×600×120	No. of inputs: 6 holes Ø31 mm (on bottom) Weight: 12,2 kg	RAL 7035	MKM14-N-72-31-Z
	SCHRn-72z-1 38 YXL3 IP31	72			RAL 9016	MKM12-N-72-31-Z
<b>Surface distribution empty enclosures (IP54)</b>	SCHRn-12z-0 74 Y2 IP54	12	Body: 240×330×120	No. of inputs: 5 holes Ø20 mm (on bottom) Weight: 3,6 kg	RAL 7032	MKM11-N-12-54-Z
	SCHRn-24z-0 74 Y2 IP54	24	Body: 410×330×120	No. of inputs: 5 holes Ø20 mm (on bottom) Weight: 5,4 kg	RAL 7032	MKM11-N-24-54-Z
	SCHRn-36z-0 74 Y2 IP54	36	Body: 540×330×120	No. of inputs: 5 holes Ø20 mm (on bottom) Weight: 6,7 kg	RAL 7032	MKM11-N-36-54-Z
	SCHRn-48z-0 74 Y2 IP54	48	Body: 670×330×120	No. of inputs: 5 holes Ø20 mm (on bottom) Weight: 8,0 kg	RAL 7032	MKM11-N-48-54-Z