

# Individual configuration of distribution box



## Key for marking ROS 16yy, 32yy and ROS P

Example of marking **ROS -I 16 03 A / S**

- unprotected
- P** – Praktik
- PG** – Praktik with degree of protection IP 67
- I** – protected
- FI** – protected + current protector

**16, 32** – nominal current 16A, 32A

number combination of fitting

- A** – with possibility of protection (without breakers)
- D** – with handle
- D/A** – with handle with possibility of protection (without breakers)

**S** – Schuko version

### Sign „A“

Protected distribution box without the circuit breakers with prepared wires to connect the circuit breakers according to the recommended and attached connection scheme. The socket outlets are not wired separately for particular connection to the individual circuit breakers, they are looped together. Circuit breakers must be used.

## Key for marking ROS Modul

Example of marking **ROS M13 / EM -035 / S**

- M6** – 6 modules
- M8** – 8 modules
- M13** – 16 modules
- M32** – 32 modules

- x** – unprotected
- I** – protected
- FI** – protected + current protector
- EM** – electrometer

number combination of fitting

**S** – Schuko version

## Key for marking ROS 4, 5-6, 7, 11, 13

Example of marking **ROS 11 / FI-01 EM / A / S**

**4,5-6,7,11,13** – number of modules

- x** – unprotected
- I** – protected
- FI** – protected + current protector
- V** – with switch

number combination of fitting

- EM** – electrometer
- /A** – with possibility of protection (without breakers)
- S** – Schuko version

### Sign „/A“

Distribution box without the circuit breakers, yet fully equipped with wires to connect the circuit breakers according to the recommended and attached connection scheme. The socket outlets are wired separately for particular connection to the individual circuit breakers and also to the N and PE bridges (without looping, the difference compared to ROS-I 16xx A, 32xx A). Circuit breakers must be used.

### Sign „/x“

Distribution box without the circuit breakers with prepared wires to connect the common circuit breaker (one) of a specific brand according to customer's preferences. However, the customer needn't necessarily use the circuit breaker and can connect the power cable directly into the prepared power inlet terminals. The socket outlets are looped together for this usage.

## Key for marking ROP and VZS

Example of marking **ROP 16 5 3 -2xVZ / S**

**ROP, VZS** – type

**16, 32** – nominal current 16A, 32A

**4,5** = 4-poles, 5-poles

number combination of fitting

**VZ** – number of VZ 16

**S** – Schuko version

## Individual configuration of distribution boxes

Except of distribution boxes in the catalog that we are able to supply the ROSes on demand. According to request of the user, it is possible to supply any other the permissible combinations. Examples of „custom distribution boxes“:



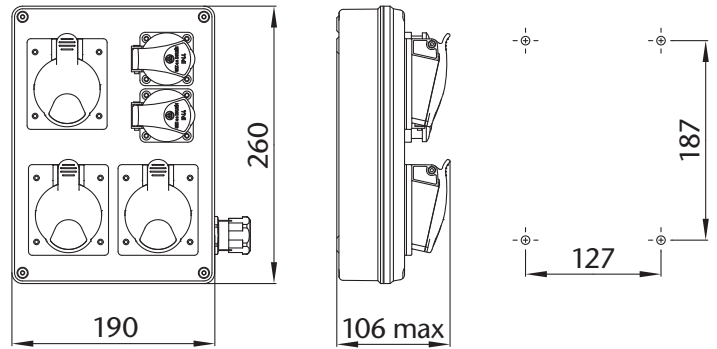


3p house 	4p - 16A 	5p - 16A 
3p - 16A 	4p - 32A 	5p - 32A 

## Distribution box ROS 16yy, 32yy

Suitable for the connection of 3-phase as well as 1-phase devices. The above types of distribution boxes without handle have been designed to be part of fixed wiring only, with handle as part of mobile wiring. The inlet terminal board is dimensioned for the power supply cable of the maximum of 5x4 mm<sup>2</sup>, the power supply cable must be protected for the nominal current value showed on the label.

- degree of protection: IP 44
- nominal working voltage: 400V~, 250V~, 50 Hz
- nominal current: 16A, 32A
- mechanical resistance of boxes: IK 10

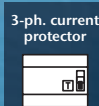
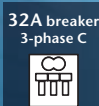
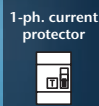
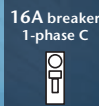
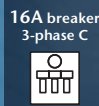


### ROS unprotected - IP 44

ROS 1600	ROS 1601	ROS 1602/S	ROS 1603/S	ROS 1604/S	ROS 1605/S
ROS 1607/S	ROS 3200	ROS 3201			

### ROS-I protected - IP 44

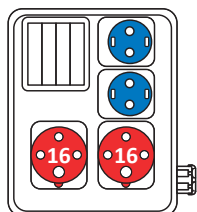
ROS-I 1600/S	ROS-I 1601/S	ROS-I 1602/S	ROS-I 1603/S	ROS-I 3200/S	ROS-I 3201/S



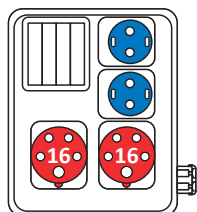
# Distribution boxes ROS



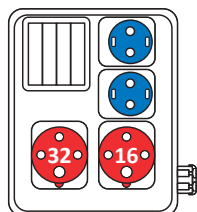
## ROS-I...A with possibility of protection (with window without breakers) - IP 44



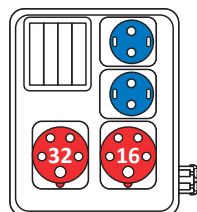
ROS-I 1600 A/S



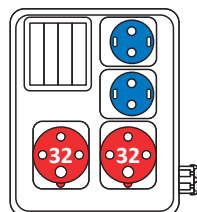
ROS-I 1601 A/S



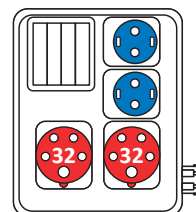
ROS-I 1602 A/S



ROS-I 1603 A/S

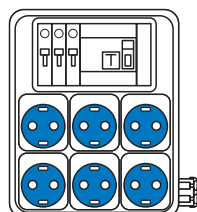


ROS-I 3200 A/S

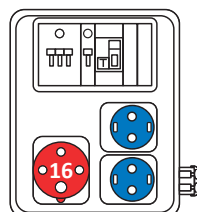


ROS-I 3201 A/S

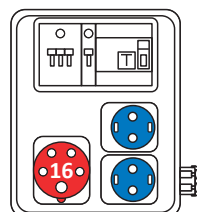
## ROS-FI protected with current protector /ROS-FI 1600 A possibility of protection (with window without breakers) - IP 44



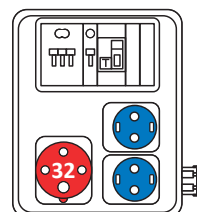
ROS-FI 1600/C/S



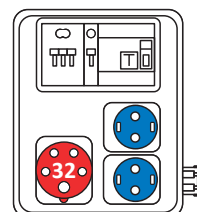
ROS-FI 1602/C/S



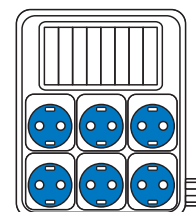
ROS-FI 1603/S



ROS-FI 3202/C/S



ROS-FI 3203/S



ROS-FI 1600 A/S

NUMBER OF SOCKETS IP 54				NUMBER OF BREAKERS			NUMBER OF CURRENT PROTECTORS	TYPE	
HOUSE	INDUSTRIAL							VARIANT	
250V	230V	400V		C16/1	C16/3	C32/3	3 P+PE	3 P+N+PE	
16A	16A	16A	32A						
DISTRIBUTION BOXES - UNPROTECTED									
		4						ROS 1600	ROS 1601
2		3						ROS 1602/S	ROS 1603/S
4		2						ROS 1604/S	ROS 1605/S
4	2								ROS 1607/S
			4					ROS 3200	ROS 3201
DISTRIBUTION BOXES - PROTECTED									
2		2		1	1			ROS-I 1600/S	ROS-I 1601/S
2		1	1	1	1			ROS-I 1602/S	ROS-I 1603/S
2			2	1		1		ROS-I 3200/S	ROS-I 3201/S
DISTRIBUTION BOXES – WITH POSSIBILITY OF PROTECTION (WITH WINDOW WITHOUT BREAKERS)									
2		2						ROS-I 1600 A/S	ROS-I 1601 A/S
2		1	1					ROS-I 1602 A/S	ROS-I 1603 A/S
2			2					ROS-I 3200 A/S	ROS-I 3201 A/S
DISTRIBUTION BOXES – WITH CURRENT PROTECTOR/ROS-FI 1600A POSSIBILITY OF PROTECTION (WITH WINDOW WITHOUT BREAKERS)									
6				3			1x 3-phase		ROS-FI 1600/C/S
2		1		1	1		1x 1-phase	ROS-FI 1602/C/S	
2		1		1	1		1x 3-phase		ROS-FI 1603/S
2			1	1		1	1x 1-phase	ROS-FI 3202/C/S	
2			1	1		1	1x 3-phase		ROS-FI 3203/S
6									ROS-FI 1600 A/S

According to request of the user, it is possible to supply any other the permissible combinations.  
C – only 250 V sockets (VZ 16) are connected with current protector