

# 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“:



16A breaker  
3-phase C



16A breaker  
1-phase B



1-ph. current  
protector



32A breaker  
3-phase C



16A breaker  
1-phase C



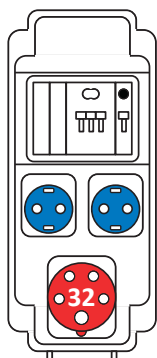
1-phase  
electrometer



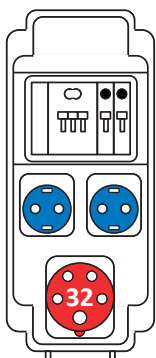
# Distribution boxes ROS 5-6



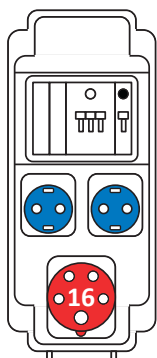
## ROS 5-6/I protected - IP 54



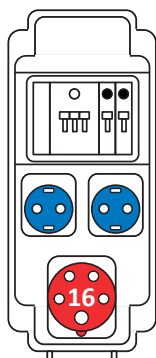
ROS 5-6/I-10/S



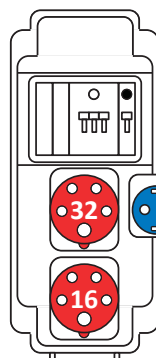
ROS 5-6/I-11/S



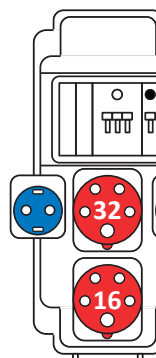
ROS 5-6/I-12/S



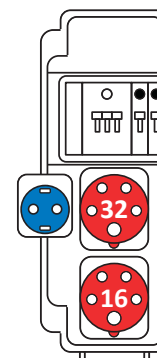
ROS 5-6/I-13/S



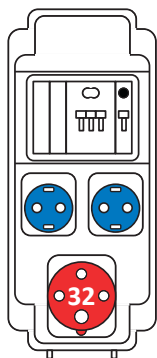
ROS 5-6/I-14/S



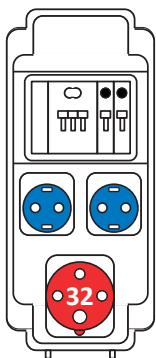
ROS 5-6/I-15/S



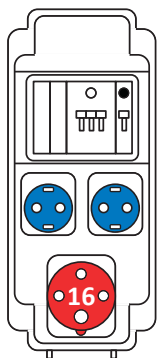
ROS 5-6/I-16/S



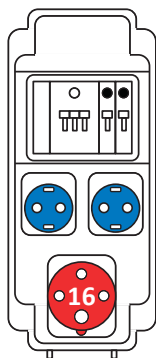
ROS 5-6/I-50/S



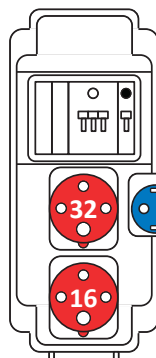
ROS 5-6/I-51/S



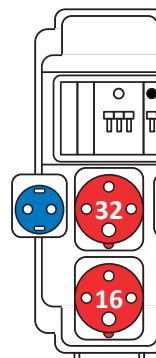
ROS 5-6/I-52/S



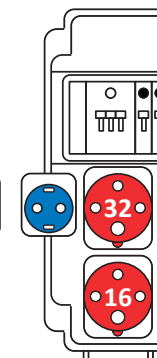
ROS 5-6/I-53/S



ROS 5-6/I-54/S



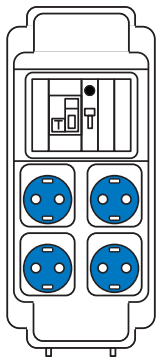
ROS 5-6/I-55/S



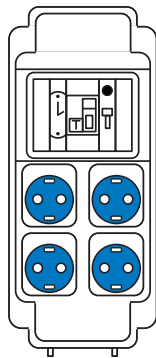
ROS 5-6/I-56/S

Variants with a current protector are provided in sizes ROS 5-6 and ROS 11. They are normally equipped with a current protector for the fault current  $I_{\Delta n} \geq 30$  mA.

## ROS 5-6/FI with current protector and single-phase electrometer - IP 54



ROS 5-6/FI-01/S



ROS 5-6/FI-01 EM/S



NUMBER OF SOCKETS IP 54			NUMBER OF BREAKERS			NUMBER OF CURRENT PROTECTORS	SINGLE-PHASE ELECTRO-METER	TYPE	
HOUSE	INDUSTRIAL							VARIANT	
250V	400V		B16/1	C16/3	C32/3	SINGLE-PHASE	4 POLES 3 P+PE	5 POLES 3 P+N+PE	
16A	16A	32A							
DISTRIBUTION BOXES – WITH POSSIBILITY OF PROTECTION (WITH WINDOW WITHOUT BREAKERS)									
	1	1						ROS 5-6/x-41	ROS 5-6/x-01
2		1						ROS 5-6/x-50/S	ROS 5-6/x-10/S
2	1							ROS 5-6/x-52/S	ROS 5-6/x-12/S
1	1	1						ROS 5-6/x-54/S	ROS 5-6/x-14/S
2	1	1						ROS 5-6/x-55/S	ROS 5-6/x-15/S
4									ROS 5-6/x-16/S
2	2								ROS 5-6/x-17/S
2		2							ROS 5-6/x-18/S
DISTRIBUTION BOXES – PROTECTED									
2		1	1		1			ROS 5-6/l-50/S	ROS 5-6/l-10/S
2		1	2		1			ROS 5-6/l-51/S	ROS 5-6/l-11/S
2	1		1	1				ROS 5-6/l-52/S	ROS 5-6/l-12/S
2	1		2	1				ROS 5-6/l-53/S	ROS 5-6/l-13/S
1	1	1	1	1				ROS 5-6/l-54/S	ROS 5-6/l-14/S
2	1	1	1	1				ROS 5-6/l-55/S	ROS 5-6/l-15/S
2	1	1	2	1				ROS 5-6/l-56/S	ROS 5-6/l-16/S
DISTRIBUTION BOXES – WITH CURRENT PROTECTOR AND SINGLE-PHASE ELECTROMETER									
4			1			1			ROS 5-6/FI-01/S
4			1			1	1		ROS 5-6/FI-01EM/S

According to request of the user, it is possible to supply any other the permissible combinations.

## Distribution box ROS 7 IP 54

