

LV subway switchgear - RS

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RS type switchgears are an essential component of overhead MV/LV transformer pole stations. They are designed to distribute energy on the low voltage side.

Standard switchboards have two mounting sides:

1. Main circuits page

- power supply with current carrying capacity of group 2 or 3*
- up to 8 outgoing fields implemented on three-phase strip fuse switches or strip fuse bases with current carrying capacity of group 1 or group 2*

2. Measuring page

- semi-indirect energy measurement system
- lighting control system

BASIC DATA

The enclosures are made of aluminium or other metal on request, the roof of the enclosure is equipped with chimneys through which cables can be inserted into the switchboard, and optionally with a cable duct.

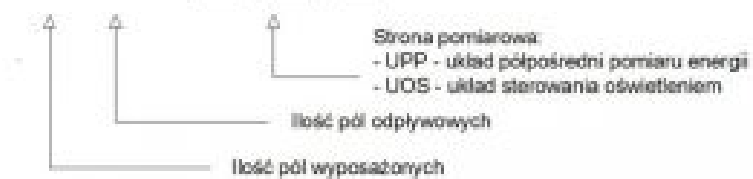
The switchgear is assembled by screwing it to the pole using a fastening structure, the type of which depends on the type of pole.

TECHNICAL SPECIFICATIONS

Rated voltage	230/400	[V]
Rated insulation voltage	690	[V]
Rated frequency	50	[Hz]
Rated current of receiving circuits	630	[A]
Protection level	IP44	[-]
Number of drain fields	1-8	[-]

CATALOGUE DESIGNATION

RS-x-x+ _ _ _



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The following table shows the pre-fabricated switchboard enclosures

Lp.	Description	Catalogue no.
1	LV pole distribution board, 1 circuit (3~) outgoing	RS-2-1
2	LV pole distribution board, 2 circuits (3~) outgoing	RS-3-2
3	LV pole distribution board, 3 circuits (3~) outgoing	RS-4-3
4	LV pole-mounted switchgear, 4 outgoing circuits (3~)	RS-5-4
5	LV pole-mounted switchgear, 5 outgoing circuits (3~)	RS-6-5
6	LV pole-mounted switchgear, 6 outgoing circuits (3~)	RS-7-6
7	LV pole-mounted switchgear, 7 outgoing circuits (3~)	RS-8-7
8	LV pole-mounted switchgear, 8 outgoing circuits (3~)	RS-9-8

