



LOW VOLTAGE DISTRIBUTION DEVICE

Rade Koncar-TEP

■ CABINET FOR POLE MOUNTED SUBSTATION:

Characteristics		Type		
		Cabinet for power up to 160kVA	Cabinet for power up to 250kVA	Cabinet for power up to 400kVA
Order No.	Mounting on frame	701302667	701303667	701304667
	Mounting on fundament	701305667	701306667	701307667
Main supply: fuse switch disconnectors		630A	630A	630A
Outgoing feeders 400A		5	5	5
Outgoing feeders 160A		1	1	1
Current transformers		300/5A	300/5A	600/5A
Main busbars - ECu		40x10mm	40x10mm	40x10mm
Rated short circuit mak.cap. I _{cw} ,1s		17kA		
Type of network		TT		
Measuring of el. energy		✓		
Over voltage protection		400/231V, 40kA		
Class of protection		IP43		
Dimensions w-h-d (mm)		830x1100x520mm		

Pole substations with measuring TYPE (STS) are low voltage distribution cabinets. These cabinets are used in the distribution network - for pole mounted substation, for voltage 20/0,4 kV and power of the transformer up to 400 kVA. According to the power of the transformer there are 3 types of cabinets for pole mounted substation:

- Cabinet for transformer up to 160 kVA
- Cabinet for transformer up to 250 kVA
- Cabinet for transformer up to 400 kVA

The distribution cabinet is made according to the standard EN 60439 and other norms that are pertaining to these types of cabinets.

Material: galvanized metal sheets that are electrostatic painted with epoxy powder, with colour that is resistant on the external atmospheric influence. Standard shade in our use is RAL 7035 (other colours are available on request).

Degree of protection for low voltage distributing cabinet is IP43 according to EN 60529.

For connecting incoming cables we use V-terminal clamps for cable 50-240 mm².



Input side



Output side

