

## CONNECTION TERMINAL BOXES UP TO 100 A

### Application:

Service protection cabinets are used for the final connection of one or two consumers to a cable termination or low-voltage distribution network, while simultaneously providing protection for the incoming line to the supply point.

### Description of technical design:

PSE service protection cabinets are equipped with three-pole fuse holders type PD 00/NH 000 up to 100 A. Cabinets are supplied with internal fittings but without fuse links.

Cabinets are available in versions for pole mounting using Bandimex straps, or for wall mounting, with the option of supplying anchor straps for reliable mechanical fastening to the wall. In pole-mounted versions, the cabinet is fitted with PG29 cable glands.

The cabinet doors are fitted with an energy-sector "D"-type lock or a closing screw. The cabinet design allows double insulation, padlock locking, and sealing.

The cabinet structure is made of polyester reinforced with glass fibers, ensuring high resistance to static and dynamic loads, excessive heat, fire, and UV radiation.

### Overview of types:

Cabinet type	PSE 101	PSE 102
Rated current	100 A	100 A
Protective devices	1xPD 00/NH 000 – 100A	2xPD 00/NH 000 – 100A
Incoming conductor	up to 35 mm <sup>2</sup>	do 35 mm <sup>2</sup>
Short-circuit withstand		20 kA
Rated voltage		400 V
Weight	1,86kg	2,57kg

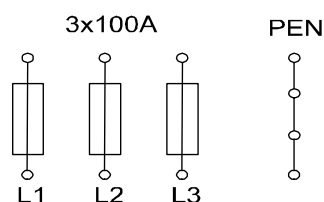
**PSE 101**



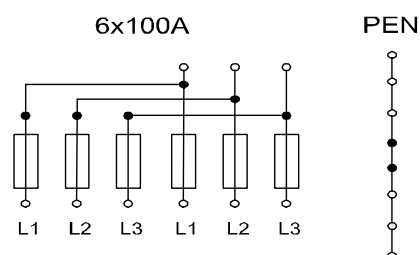
**PSE 102**



**Wiring diagram PSE 101**



**Wiring diagram PSE 102**



[www.sez-krompachy.sk](http://www.sez-krompachy.sk)



[yes@sez-krompachy.sk](mailto:yes@sez-krompachy.sk)



+421 53 4189 144



SEZ Krompachy a.s.  
Hornádska 1  
053 42 Krompachy  
Slovak republic

Validity from: 12.08.2025

## Versions of cabinets:

### Basic classification of versions:

<b>PSE 101</b>	1 pc fuse holder PD 00/NH 000 – 100 A
<b>PSE 102</b>	2 pcs fuse holder PD 00/NH 000 – 100 A

### First additional letter

**S** - pole mounting (version includes Bandimex straps and 2 pcs PG29 cable glands at the bottom for models 101, or 3 pcs PG29 cable glands at the bottom for models 102)

**M** - wall mounting (version includes 1 opening at the top and 1 at the bottom Ø 47 mm for models 101, or 1 top opening and 2 bottom openings Ø 47 mm for models 102)

By default, the cabinet is supplied with mounting lugs. For a flat rear panel without lugs, this must be specified in the order.

### Second additional letter

**E** - version with "D"-type energy-sector lock with double division

**S** - version without lock, closed with a screw

### Third additional letter

**D** - version with double insulation

**U** - version with external grounding terminal

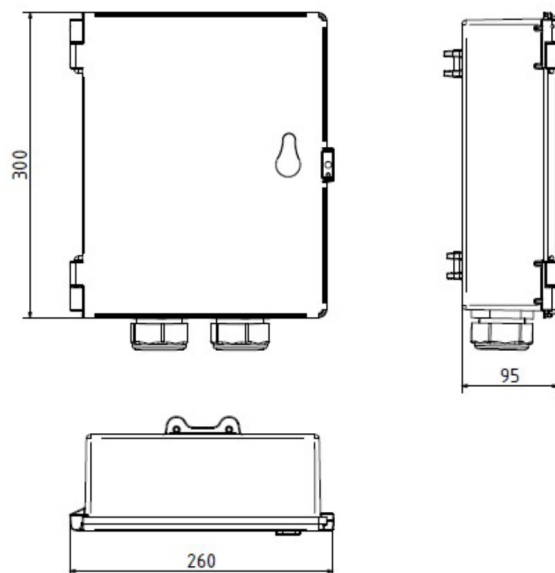
### Example for ordering:

**PSE 101-SED:** 1 pc fuse holder PD 00/NH 000 – 100 A; pole mounting (includes Bandimex straps and 2 pcs PG29 cable glands at the bottom); "D"-type energy lock with double division; double insulation version

## Technical data:

Standards	EN 61439-1, EN 61439-5
Rated operating voltage	400V, TNC
Rated current	up to 100A
Insulation voltage	690V
Rated impulse withstand voltage	6kV
Rated frequency	50Hz
Rated conditional short-circuit current	20kA
Degree of protection	-IP 44 -IP 20 with doors open
Incoming conductor	up to 35mm <sup>2</sup>
Fire resistance	category B (flame-retardant)
Fault protection	- according to STN 332000-4-41 -by automatic disconnection of supply -double insulation (not applicable for version U)
Types of electrical connections of functional units	F – fixed connection (protective devices via terminals, PEN busbar – M8 bolted terminal)
Ambient environment	environment A
Operating conditions	-temperature range -5 °C to +40 °C -indoor installation
Accessories	-anchor straps -energy-sector key
Cabinet material	polyester reinforced with glass fibers
Cabinet dimensions	260x300x95 mm
Door closure	energy-sector lock or transport screw

## Dimensional drawing:



Validity from: 12.08.2025