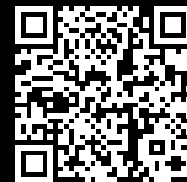


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DK 7856.170

Overvoltage protection PSM

State: 12/09/2025 (Source: [rittal.com/ie-en](https://www.rittal.com/ie-en))

ENCLOSURES

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CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

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DK 7856.170 - Overvoltage protection PSM

Connected upstream of the busbar. An overvoltage protection is available for each 3-phase infeed to the busbar. The overvoltage protection may also be retrofitted.

Features

| | |
|-----------------------|---|
| Model No. | DK 7856.170 |
| Design | Overvoltage protection type 3 |
| Product description | Connected upstream of the busbar. An overvoltage protection is available for each 3-phase infeed to the busbar. The overvoltage protection may also be retrofitted. |
| Connector (type) | Wago X-Com |
| Phases per infeed | 3~ |
| Rated current (max.) | 16 A |
| Note | One adaptor is required for each infeed. |
| Sockets | Wago X-Com |
| Packs of | 1 pc(s). |
| Net weight | 0.799 |
| Gross weight | 0.82 |
| Customs tariff number | 85369001 |
| EAN | 4028177402621 |
| ETIM 9 | EC000942 |
| ECLASS 8.0 | 27130806 |

Approvals

| | |
|--------------|---------------------------|
| Explanations | Declaration of conformity |
|--------------|---------------------------|

Tender text

Power System Module with overvoltage protection,
3-phase

Installation via plug & play

3-phase overvoltage protection

Overvoltage protection is available for every 3-phase busbar supply. Overvoltage protection can also be fitted as an upgrade. Integrated visual function checks.

The pre-configured connection cable is used to supply the power system module busbar. A 5-pole plug-in connector strip is used to connect up the busbar. Connection cable DK 7856.025 is needed for the supply.

Function

A green light will be lit if it is working correctly.
An overvoltage device failure is indicated by a red light illuminating.

Requirement category

Overvoltage protection has been designed to meet Class D requirements (different use with local sockets).

Intended use

The overvoltage socket strip has been designed for overvoltage category II protection as per DIN VDE 0110 Part 1.

Technical specifications:

3-phase voltage range: 110V - 400 V AC 50/60Hz

Max. current per supply 3 x 16 A

Type of cable: H07RN-F 5G2.5 mm² Temperature range:
+5°C - +45°C

Humidity range: 5% - 95% relative humidity,
non-condensing

Protection category IP 20