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**DK 7856.170**

**Overvoltage protection PSM**

State: 14.02.2026 (Source: [rittal.com/bg-bg](http://rittal.com/bg-bg))



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FRIEDHELM LOH GROUP

# 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 mm<sup>2</sup> Temperature range:  
+5°C - +45°C

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

Protection category IP 20