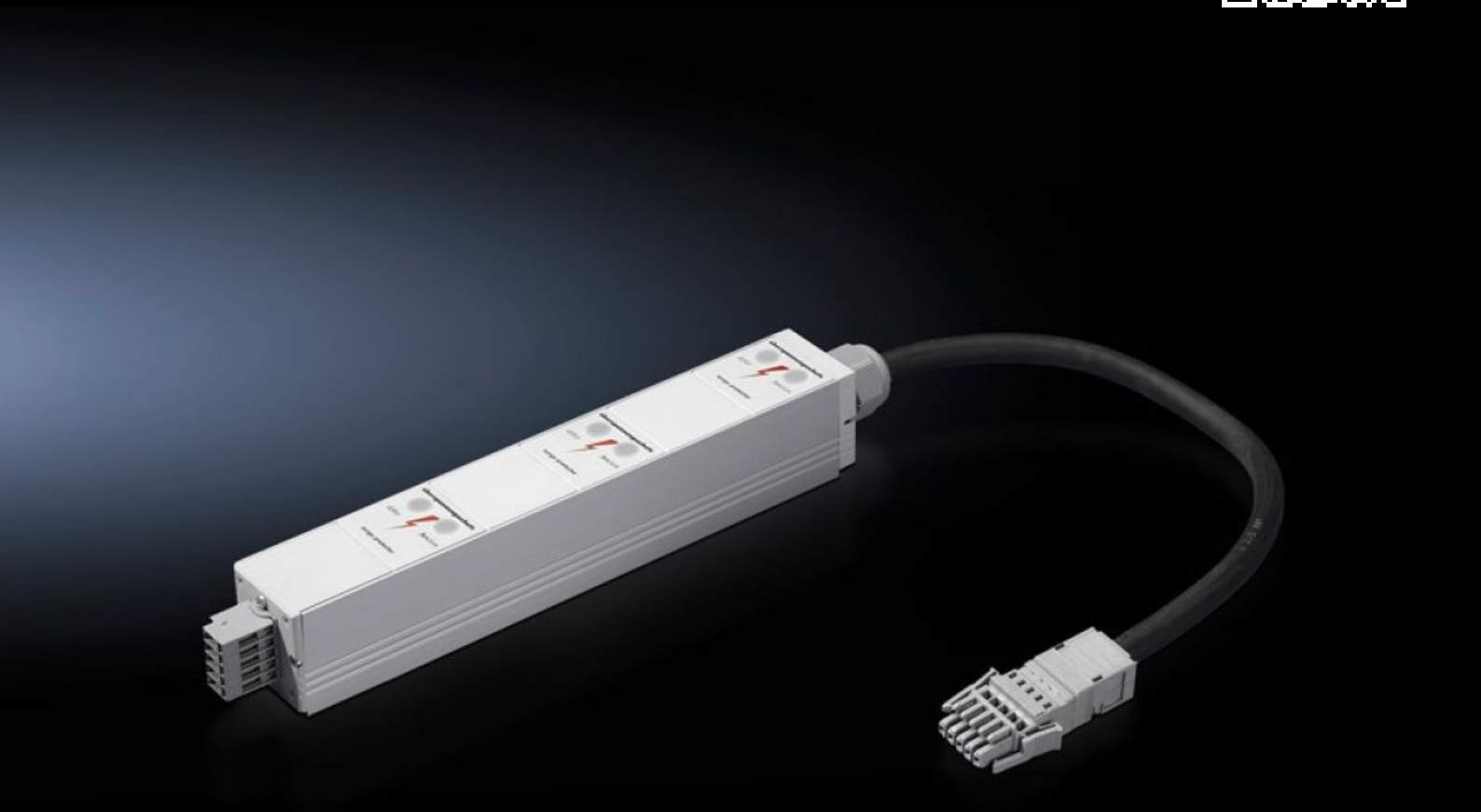
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# DK 7856.170

# Overvoltage protection PSM

State: 25/11/2026 (Source: www.rittal.com/com-en)

ENCLOSURES | POWER DISTRIBUTION | CLIMATE CONTROL | IT INFRASTRUCTURE | SOFTWARE & SERVICES

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 kg |
| Gross weight | 0.82 kg |
| Customs tariff number | 85369001 |
| ETIM 9 | EC000942 |
| ECLASS 8.0 | 27130806 |
| Product description | DK PSM Overvoltage protection, Wago X-Com |

## 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 ll 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

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