

Rittal – The System.

Faster – better – everywhere.



DK 7856.090 PSM socket modules

State: 23/05/2026 (Source: rittal.com/uk-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 7856.090 - PSM socket modules

The various modules may be inserted into the support rail in any combination.

Features

| | |
|-----------------------------------|--|
| Model No. | DK 7856.090 |
| Design | non-switchable |
| Product description | The modular system facilitates basic configuration of the racks, thanks to a vertical support rail with single-/3-phase infeed. The various socket modules to supply the active components may be snap-fitted into the support rail. The various modules, earthing pins, IEC320 etc. may be inserted into the support rail in any combination. This is easily achieved, even by non-electricians, thanks to the shock hazard protected plug & play system. |
| Material | Section: Aluminium, anodised Socket inserts: Plastic (PA6 GF 30 V1) |
| Length | 250 mm |
| Type of electrical connection | WAGO WINSTA MIDI |
| Phases per infeed | 1~ |
| Thermal overcurrent protection | per socket module |
| Rated operating voltage | 110 V – 230 V AC, 50/60 Hz |
| Rated current (max.) | 16 A |
| Required number of module slots | 1 |
| Dimensions | Length: 250 mm |
| Operating temperature range | 5 °C...45 °C |
| Ambient humidity (non-condensing) | 5...95 % |
| Sockets | 4 x D, earthing-pin (type F, CEE 7/4) |
| Packs of | 1 pc(s). |
| Net weight | 0.339 kg |

Features

| | |
|-----------------------|--|
| Gross weight | 0.36 kg |
| Customs tariff number | 85369001 |
| ETIM 9 | EC000330 |
| ECLASS 8.0 | 27142604 |
| Product description | DK PSM Plus socket module, CEE 7/3 (type F), 4-way, black, non-switchable, with thermal overcurrent protection |

Approvals

| | |
|--------------|---------------------------|
| Approvals | IEC CB VDE |
| Explanations | Declaration of conformity |

Tender text

Power System Module plug-in module, 4 x earthing-pins (CEE 7/3) with thermal overload protection (16 A)

Installation via the plug & play system:

The plug-in module is locked into the power system module busbar. It can be locked in or unlocked whilst working. The module connection direction determines which power supply will be used.

A mixture of all of the modules can be fitted in the rails.

Technical fittings:

The plug-in module has 4 sockets available for use. The module has an integrated thermal fuse (16 A). It protects all 4 sockets. The automatic circuit breaker can be reset for switching back on if it trips out.

Technical specifications:

Single-phase voltage range: 110 V - 230V AC 50/60 Hz, neutral conductor is required

Max. current per module: 16A at 230 V AC

Overload protection: Thermal fuse, Trimax 16 A

Temperature application range: +5°C - +45°C

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

Protection category IP 20

W x H x D [mm]: 50 x 250 x 45