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DK 7856.321
PSM busbars

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FRIEDHELM LOH GROUP

DK 7856.321 - PSM busbars

One or two infeeds, with on or three phases, redundant after changing the plug-in module's direction of connection. With measurement option in conjunction with the CMC III system.

Features

Model No.	DK 7856.321
Design	With 3 m connection cable (connector type CEE/EN 60 309)
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. This can even be done whilst the system is operational, because the support section is shock hazard-protected.
Benefits	Modules may be retrofitted whilst operational.
Technical specifications	Each plug-in module picks off a phase on the support rail, either from infeed or from the redundant infeed, depending on the direction of connection. Depending on the design, single-/3-phase construction with a maximum current of 2 x (3 x 16 A/32 A). 3-phase redundant infeed supported. The redundant circuit is completely separate from the 3 phases of the support rail. Modules may be equipped with integral overcurrent protection, so that only the affected module is deactivated in the event of an excessively high current. The other modules remain operational.
Material	Aluminium section, natural anodised
Length of connection cable	3 m
Type of electrical connection	CEE
Number RJ45 ports for sensor units max	2
Qty.	1
Phases per infeed	1~

Features

Rated current (max.)	32 A
Module slots (max.)	6
To fit	Enclosure type: TS 8 TS IT VX IT Height: 2,000 mm
Operating temperature range	5 °C...45 °C
Ambient humidity (non-condensing)	5...95 %
Storage temperature range	-20 °C...60 °C
Packs of	1 pc(s).
Net weight	5.338 kg
Gross weight	5.619 kg
Customs tariff number	85369001
ETIM 9	EC002762
ECLASS 8.0	27371306
Product description	DK PSM busbar, 6-way, 1~, 32 A, Infeed: 1, For H: 2000 mm

Approvals

Approvals	IEC CB VDE
Explanations	Declaration of conformity

Tender text

PSM-bus bar, version with 32A phase current,
single phase

The modular system makes a basic configuration possible for each rack with a vertical support rail and single phase 32A supply.
The sockets can be used over the complete height of the enclosure through the vertical support rail.
Socket modules can be snapped into the support rails.
The contact hazard protection design of the busbar ensures that socket modules do not have to be fitted in all of the slots.
The bus bar is completely wired, with integrated 16A class C circuit breakers.
Power supply: Via a 2m connecting cable with blue 32A CEEKon-connector
A maximum of 6 PSM modules can be plugged into the 2,000mm long PSM bar.
In addition plug in modules are needed.

- For enclosure height 2,000mm
- 2 16A class C circuit breakers
- Socket modules can be upgraded whilst working
- Single phase voltage range 230V AC 50/60 Hz, neutral conductor is required
- Max. current per supply 1x32A
- Temperature application range: +5°C - +45°C
- Humidity range: 5% to 95% rel.
- W x H x D [mm]: 60 x 1,895 x 60

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