

INDUSTRIAL COMPONENT DATA

CAPAROC PM S-R EX 1344363 PHOENIX CONTACT Power module with status output and reset input for the power supp..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CAPAROC PM S-R EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	CAPAROC PM S-R EX
Catalog number	1344363
Category	Device circuit breaker
Minimum order	1 Pcs
Document ID	EO-FEE0848568
Generated	2026-09-27

Product Overview

Power module with status output and reset input for the power supply of the switch system for protection of CAPAROC equipment with 12 or 24 V DC. EX e approval for zone 2. To be installed on DIN rails using CAPAROC busbars.

Power module

Power module with status output and reset input for supplying the CAPAROC circuit breaker system with 12 V DC or 24 V DC. EX e approval for zone 2. For DIN rail installation via the CAPAROC current rails.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Over Current Protection

Additional Product Information

Technical dataNotesGeneral

Note LABS release - in accordance with test specification VW PV 3.10.7:2005-0

When connecting the conductor, make sure that the CAPAROC modules are not pulled apart due to tensile force. Gaps must not be created between the modules.

Observe the specified conditions for use in potentially explosive areas. Install the device in a suitable approved housing with at least IP54 degree of protection that meets the requirements of IEC/EN 60079-0. Also observe the requirements of IEC/EN 60079-14.

Product propertiesType Plug-in module

Product type Device circuit breakers

Product family CAPAROC

Number of slots 2

Insulation characteristics

Protection class III

Pollution degree 2

Electrical propertiesGeneral

Operating voltage 10 V DC ... 30 V DC

Rated voltage 12 V DC

24 V DC

Rated current IN 45 A DC (Total current input)

Rated surge voltage 0.5 kV

Tripping method E (electronic)

Dielectric strength 35 V DC (Load circuit)

Efficiency > 99 %

Closed circuit current I₀ typ. 9 mA (no load at 24 V)

Power dissipation typ. 0.22 W (no load at 24 V)

< 1.5 W (in nominal operation at 24 V and 45 A)

Temperature derating 45 A (Total current at 40°C)

30 A (Total current at 65 °C)

MTBF (IEC 61709, SN 29500) 18886912.65 h (at 25 °C with 21 % load)

5907048.64 h (at 40°C with 34.25% load)

933563.97 h (at 40°C with 100% load)

Voltage drop 0.03 V (at 45 A)

Reset

Input voltage range 7 V DC ... 30 V DC (Reset with falling edge)

Current consumption typ. 0.5 mA (at 24 V DC)

Pulse length....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CAPAROC PM S-R EX with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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