

INDUSTRIAL COMPONENT DATA

S8M-CP04-R S8M 0005F S8MCP04R,1 OMRON Protector multicircuito 24vdc

Brand: OMRON | Manufacturer Part Number: S8M-CP04-R



Manufacturer	OMRON
MPN / Reference	S8M-CP04-R
Catalog number	S8MCP04R.1
Category	Accessories/spare parts for low-voltage switch technology
Minimum order	1 Pcs
Document ID	EO-EA38DAFD1D
Generated	2026-08-02

Product Overview

Protector multicircuito 24vdc
24Vdc Multi-Circuit Protector

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path OMRON > Power supplies > Others

Additional Product Information

S8M Digital multi circuit protector

Digital multi circuit protector for DC output of power supply

The S8M turns your machine directly into UL Class2 compliant, maximum tripping current is 3,8 A per channel (adjustable). This unit controls up to 4 circuits. On top of this you will get startup/shutdown-sequence control, display and alarm functions, like

voltage, output current, runtime, and over temperature and external reset. These functions can be set by using the front buttons or with the free support tool software. These settings can be protected.

- 4 circuit protection up-to 4 A per channel
- UL Class 2 (max. 3.8 A)
- Emergency stop by external signal
- Optimize use of available power through start-up sequence
- Maintenance control

Ordering information

Input voltage Communications UL class2 output Size (W × H × D) [mm] Order code

24 VDC --75× 115× 94 S8M-CP04

RS-232C- S8M-CP04-R CompliantS8M-CP04-RS

Specifications

TypeS8M-CP04S8M-CP04-RS8M-CP04-RS Input characteristicsRated input voltage 24 VDC (19.2to 26.4 VDC)

Allowable input current17.0 A max.16.0 A max

Power consumption10 W max 15 W max

Output characteristics Number of branches4

Max tripping current 4.0 A 3.8 A

Adjustable tripping range 0.5 to 4.0 A in 0.1 A units 0.5 to 3.8 A in 0.1 A units

Internal voltage drop0.5V max at 4 A 0.7V max at 3.8 A

Approved StandardsUL: UL508(Listing), UR 60950-1

cUL, cUR: CSA C22.2 No. 107.1and No.60950-1

EN/VDE: EN 50178(=VDE 0160), EN 60950-1 (=VDE 0805)

UL: UL508(Listing, Class 2 per UL...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / S8M-CP04-R 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.