

INDUSTRIAL COMPONENT DATA

MRCF 3000 25R AA054024H MRCF300025R OMRON Braking resistor, 25 ?, 3000 W nominal

Brand: OMRON | Manufacturer Part Number: MRCF 3000 25R



Manufacturer	OMRON
MPN / Reference	MRCF 3000 25R
Catalog number	MRCF300025R
Category	Accessories/spare parts for frequency controller
Minimum order	1 Pcs
Document ID	EO-D2F72484D6
Generated	2026-08-01

Product Overview

Braking resistor, 25 ?, 3000 W nominal

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON > Frequency inverters > Accessories
--------------	---

Additional Product Information

FeaturesFixed Barcode reader - Fast and easy

The V500-R2 is a laser based barcode reader for high speed processes. It can read codes on labels in any industry for traceability of parts or packages.

High-speed reading at 1,000 Scans/second

Reading codes even if they are partially dirty or missing

Resistant against ambient light interference

Ordering information

Product

Model

Barcode Readers

Cable output

V500-R521B2

Round DIN connector

V500-R521C2

ID Link Unit (sold separately)

V700-L12

Cables (sold separately)

SYSMAC D-sub 9-pin cable, 0.8 m

V509-W011

SYSMAC D-sub 9-pin cable, 5 m

V509-W016

IBM PC/AT or compatible D-sub 9-pin cable, 0.8 m

V509-W011D

IBM PC/AT or compatible D-sub 9-pin cable, 5 m

V509-W016D

Ratings and Specifications

Item

V500-R_

Applicable

barcodes

Type of barcode

Code 39, NW-7, ITF, STF (2 of 5 bars), Code 93, Code 128 (including EAN128), EAN/UPC (A and E)

Number of read digits

32 digits max. (depends on bar width and read size)

Reading

performance

Resolution

0.15 mm (for PCS0.9)

Contrast (PCS value)

0.45 min. (70% white reflectance min.)

Reading distance

60 to 270 mm (with 1.0-mm thin bar)

Reading angle

Within 40° (including left and right margins)

Skew angle

±50° (excluding the upper 10° and lower 5° ranges)

Pitch angle

±25° (25° right and left)

Light source

Red laser diode (wavelength: 650 nm)

Optical output

1.0 mW max.

Scan type

Raster scan

Number of scans

500 scans/s

Number of read repetitions

2 to 6 times

Reading verification

Buzzer and LED indicators....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / MRCF 3000 25R 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.