

INDUSTRIAL COMPONENT DATA

3RH2431-1BM40 SIEMENS Contactor relay, latched, 3 NO + 1 NC, 220 V DC, Size S00, screw terminal

Brand: SIEMENS | Manufacturer Part Number: 3RH2431-1BM40



Manufacturer	SIEMENS
MPN / Reference	3RH2431-1BM40
Catalog number	24311
Category	Contactor relay
Minimum order	1 Pcs
Document ID	EO-1E3EAD4C9E
Generated	2026-08-05

Product Overview

Contactor relay, latched, 3 NO + 1 NC, 220 V DC, Size S00, screw terminal

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path SIEMENS > CONTROL AND CONTACTORS > Contactor relays

Additional Product Information

Technical data

Contactor relay, latched, 3 NO + 1 NC, 220 V DC, Size S00, screw terminal

product brand name SIRIUS

product designation Auxiliary contactor

product type designation 3RH2

General technical data

size of contactor S00

product extension auxiliary switch Yes

insulation voltage with degree of pollution 3 at AC rated value 690 V

degree of pollution 3

surge voltage resistance rated value 6 kV

shock resistance at rectangular impulse

? at DC 10g / 5 ms, 5g / 10 ms

shock resistance with sine pulse

? at DC 15g / 5 ms, 8g / 10 ms

mechanical service life (switching cycles)

? of contactor typical 5 000 000

? of the contactor with added electronically optimized auxiliary switch block typical 5 000 000

? of the contactor with added auxiliary switch block typical 5 000 000

reference code according to IEC 81346-2 K

Substance Prohibitance (Date) 10/01/2009

Ambient conditions

installation altitude at height above sea level maximum 2 000 m

ambient temperature

? during operation -25 ... +60 °C

? during storage -55 ... +80 °C

relative humidity minimum 10 %

relative humidity at 55 °C according to IEC 60068-2-30 maximum 95 %

Main circuit

no-load switching frequency

? at AC 10 000 1/h

? at DC 10 000 1/h

Control circuit/ Control

type of voltage of the control supply voltage DC

control supply voltage at DC

? rated value 220 V

operating range factor control supply voltage rated value of magnet coil at DC

? initial value 0.8

? full-scale value 1.1

closing power of magnet coil at DC 4 W

hold...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RH2431-1BM40 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.