

INDUSTRIAL COMPONENT DATA

3RT2446-1AN20 SIEMENS Contactor, AC-1, 140 A/690 V/40 °C, S3, 3-pole, 220 V AC, 50/60 Hz, 1 NO+1 NC, box ter..

Brand: SIEMENS | Manufacturer Part Number: 3RT2446-1AN20



Manufacturer	SIEMENS
MPN / Reference	3RT2446-1AN20
Catalog number	24461
Category	Power contactor, AC switching
Minimum order	1 Pcs
Document ID	EO-2574650021
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Product Overview

Contactor, AC-1, 140 A/690 V/40 °C, S3, 3-pole, 220 V AC, 50/60 Hz, 1 NO+1 NC, box terminal/screw terminal
CONTACTOR, AC-1 140 A / 400 V, AC 220 V, 50/60 HZ, 3-POLE, SIZE S3, SCREW CONNECTION

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 > Contactors for switching motors

Additional Product Information

Technical data

Contactor, AC-1, 140 A/690 V/40 °C, S3, 3-pole, 220 V AC, 50/60 Hz, 1 NO+1 NC, box terminal/screw terminal

product brand name SIRIUS

product designation Contactor

product type designation 3RT24

General technical data

size of contactor S3

product extension

? function module for communication No

? auxiliary switch Yes

power loss [W] for rated value of the current

? at AC in hot operating state 29.4 W

? at AC in hot operating state per pole 9.8 W

insulation voltage

? of main circuit with degree of pollution 3 rated value 1 000 V
? of auxiliary circuit with degree of pollution 3 rated value 690 V
surge voltage resistance
? of main circuit rated value 8 kV
? of auxiliary circuit rated value 6 kV
shock resistance at rectangular impulse
? at AC 6.7 g / 5 ms, 4.0 g / 10 ms
shock resistance with sine pulse
? at AC 10.6 g / 5 ms, 6.3 g / 10 ms
mechanical service life (switching cycles)
? of contactor typical 10 000 000
? of the contactor with added electronically optimized auxiliary switch block typical 5 000 000
? of the contactor with added auxiliary switch block typical 10 000 000
reference code according to IEC 81346-2 Q
Substance Prohibitance (Date) 03/01/2017
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
number of poles for main curr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2446-1AN20 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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