

## INDUSTRIAL COMPONENT DATA

## 3RR2143-1AA30 SIEMENS Monitoring relay, can be mounted to Contactor 3RT2, Size S2 basic, analog adjustment A..

Brand: SIEMENS | Manufacturer Part Number: 3RR2143-1AA30



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | SIEMENS                  |
| MPN / Reference | 3RR2143-1AA30            |
| Catalog number  | 21431                    |
| Category        | Current monitoring relay |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-A496099AC8            |
| Generated       | 2026-08-04               |

### Product Overview

Monitoring relay, can be mounted to Contactor 3RT2, Size S2 basic, analog adjustment Apparent current monitoring 8...80 A, 50...60 Hz, 2-phase Supply 24 V AC/DC 1 change-over contact Monitoring for Current overshoot and undershoot Phase failure, Cable break with or without fault buffer ON delay 0-60 s Noise pulse suppression 0-30 s Switching hysteresis 6% Screw connection system

## 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 > Thermal relays |
|--------------|---------------------------------------------------|

### Additional Product Information

## Technical data

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product brand name SIRIUS

product designation Monitoring relays

design of the product analogically adjustable, 2-phase current monitoring

product type designation 3RR2

## General technical data

size of contactor can be combined company-specific S2

operating apparent power rated value 4 VA

insulation voltage for overvoltage category III according to IEC 60664  
? with degree of pollution 3 rated value 690 V  
surge voltage resistance rated value 6 kV  
protection class IP  
? on the front IP20  
? of the terminal IP00  
shock resistance 10g / 11 ms  
vibration resistance 10 ... 55 Hz / 0.35 mm  
mechanical service life (switching cycles) typical 10 000 000  
electrical endurance (switching cycles) at AC-15 at 230 V typical 100 000  
reference code according to IEC 81346-2 K  
relative repeat accuracy 2 %  
Substance Prohibitance (Date) 03/01/2017  
Supply voltage  
type of voltage of the supply voltage AC/DC  
supply voltage 1 at AC  
? at 50 Hz rated value 24 V  
? at 60 Hz rated value 24 V  
supply voltage 1 at DC rated value 24 V  
supply voltage frequency 1 50 ... 60 Hz  
Measuring circuit  
type of current for monitoring AC  
a...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RR2143-1AA30 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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