

**INDUSTRIAL COMPONENT DATA**

# 3RS7000-1DE00 SIEMENS Separation amplifier 24 V AC/DC, 3-way separation input: 0-10 V output: 4-20 mA screw ..

Brand: SIEMENS | Manufacturer Part Number: 3RS7000-1DE00



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | SIEMENS             |
| MPN / Reference | 3RS7000-1DE00       |
| Catalog number  | 70001               |
| Category        | Isolation amplifier |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-47199C563A       |
| Generated       | 2026-08-06          |

## Product Overview

Separation amplifier 24 V AC/DC, 3-way separation input: 0-10 V output: 4-20 mA 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 > Function relays**

## Additional Product Information

**Technical data**

Separation amplifier 24 V AC/DC, 3-way separation input: 0-10 V output: 4-20 mA screw terminal

product brand name SIRIUS

product category Signal converter

product designation Single-range converters

design of the product active

product type designation 3RS70

**General technical data**

display version LED Yes

number of channels 1

consumed active power 0.29 W

insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 50 V

surge voltage resistance rated value 2 500 V

protection class IP IP20

shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms

vibration resistance according to IEC 60068-2-6 6 ... 150 Hz: 2 g

reference code according to IEC 81346-2 T

Substance Prohibitance (Date) 03/25/2015

Supply voltage

supply voltage at AC

? at 50 Hz rated value 24 V

? at 60 Hz rated value 24 V

supply voltage at DC rated value 24 V

supply voltage frequency rated value 60 ... 50 Hz

operating range factor supply voltage rated value

? at AC at 50 Hz 0.8 ... 1.1

? at AC at 60 Hz 0.8 ... 1.1

? at DC 0.8 ... 1.1

Precision

relative metering precision 0.1 %

relative linearity deviation 0.05 %

temperature drift per °C 0.015 %/°C

voltage ripple maximum 20 mV

limit frequency 30 Hz

settling time for 1 % deviation 17 ms

rise time 6 ms

Main circuit

type of voltage AC/DC

Inputs/ Outputs

input voltage 30 V

property of the output short-circuit proof Yes

type of signal at input 0 ... 10 V

type of signal at output 4 ... 20 mA...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RS7000-1DE00 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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