

INDUSTRIAL COMPONENT DATA

3RS7000-1AE00 SIEMENS Separation amplifier 24 V AC/DC, 3-way separation input: 0-10 V output: 0-10 V screw t..

Brand: SIEMENS | Manufacturer Part Number: 3RS7000-1AE00



Manufacturer	SIEMENS
MPN / Reference	3RS7000-1AE00
Catalog number	70001
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-CBE5AC49ED
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Product Overview

Separation amplifier 24 V AC/DC, 3-way separation input: 0-10 V output: 0-10 V 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: 0-10 V 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 0 ... 10 V

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RS7000-1AE00 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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