

INDUSTRIAL COMPONENT DATA

5SD7581-3 SIEMENS Overvoltage protection for Ethernet interfaces up to 10 Gbit/s, including POE

Brand: SIEMENS | Manufacturer Part Number: 5SD7581-3



Manufacturer	SIEMENS
MPN / Reference	5SD7581-3
Catalog number	10000
Category	Combined arrester for data networks/MCR-technology
Minimum order	1 Pcs
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Product Overview

Overvoltage protection for Ethernet interfaces up to 10 Gbit/s, including POE
SURGE PROTECTION FOR ETHERNET-INTERFACES. Cancellations and returns limited. Consult conditions.

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path **SIEMENS > POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR > Other Modular Systems**

Additional Product Information

Technical data

Overvoltage protection for Ethernet interfaces up to 10 Gbit/s, including POE

Model

product brand name SENTRON

product designation Surge protection device

design of the product Surge arrester 5SD7 for measuring and control technology

design of the product / explosion-proof design No

General technical data

break time

? between L and N / for symmetrical circuit 1 ns

? between L or N and PE / for symmetrical circuit 100 ns

insertion loss / for symmetrical circuit

? with characteristic wave impedance 100 ohm / up to 5 MHz / typical 1 dB

power pulse current / at (10/1000) µs 40 A

capacity / between switched connecting terminals

? for symmetrical circuit 0.012 nF

? for asymmetrical circuit 1 pF

protection level

? with pulse curve shape C2 / at (10 kV/5 kA) / to signal ground / acc. to IEC 61643-21 700 V

overvoltage category II

Voltage

continuous operating voltage

? at DC / maximum 3.3 V

residual voltage / between L and L

? for rated discharge current / for symmetrical circuit 15 V

voltage limitation / of the output voltage

? between L and L / at rate of voltage rise 1 kV/μs / for spike or statistical distribution in relation to hazard level / for symmetrical circuit 9 V

? between L and PE / for asymmetrical circuit / at rate of voltage rise 1 kV/μs / for spike or statistical distribution in relation to hazard level 700 V

Supply voltage

operating voltage

? rated value / maximum 3.3 V

Protection class

protection class IP IP20

Current

discharge current

? between L and....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 5SD7581-3 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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