

OVP 12V 0.4A + Low Resistance



Quick access

- North American Products ▾
- Surge Protection ▾
- SD Series ▾



General ordering data

Local product	Only available in certain countries
Type	OVP 12V 0.4A + Low Resistance
Order No.	7940084782
US order No.	SD16X
Version	Surge protection, SD Series, Low resistance

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- Related products
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Dimensions and weights

Weight	70 g
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Temperatures

Humidity	5...95 %, no condensation
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Local features

Availability	United States
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Approvals

Approval for	EEx ia Class 1, Groups A,B,C and D, T4, Class 1, Div 2 Groups A,B,C, D T4
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Approvals





Rated data

Impulse durability (8/20 μ s)	10 kA
Leakage current, max.	5 μ A
Residual voltage @ isn	40 V
Series resistance W/line	2.2 ω

Surge Protection

AC durability	1 A _{rms} , 5T
Case flammability	in accordance with UL94 V-2
Class of protection	Completely hybrid, conductor to conductor, Each conductor to screw/earth
Degradation accuracy (SDRTD at 1mA)	0.1% (RTD resistance > 100), 0.1W (RTD resistance < 100)
EMC standards	General standards for noise immunity, EN 50082, part 2 for industrial surroundings
Humidity	5...95 %, no condensation
Impulse durability (8/20 μ s)	10 kA
Leakage current, max.	5 μ A
Lightning test current, I _{imp} (10/350 μ s)	2.5 kA
Mounting rail	TS 35
R&TTE compliance	DIN EN 50082-2, DIN EN 41003, DIN EN 60950
RTD resistance range (SDRTD)	10...1500 Ω
Service conditions	80kPa - 160kPa, 5% - 95% RH
Terminals	2.5 mm ² (12 AWG)

Related products:



Type: OVP 0.25A Spare Fuses,5/Pack
Order No.: 7940084793
US order No.: SDF25

Version:
Surge protection, SD Series

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Type: OVP 120VAC/170VDC 3A AC
Power
Order No.: 7940084778
US order No.: SD150X

Version:
Surge protection, SD Series, High-current

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Type: OVP 12V 0.25A+ Fuse Disc
Order No.: 7940084779
US order No.: SD16

Version:
Surge protection, SD Series, Fuse isolator

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Type: OVP 12V 0.4A + High Bandwidth
Order No.: 7940084780
US order No.: SD16R

Version:
Surge protection, SD Series, High bandwidth

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Type: OVP 12V 0.4A,3TB+High Bandwidth
Order No.: 7940084781
US order No.: SD16R3

Version:
Surge protection, SD Series, 3 connections

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Type: OVP 240VAC/339VDC 3A AC
Power
Order No.: 7940084783
US order No.: SD275X

Version:
Surge protection, SD Series, High-current

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Type: OVP 24V 0.25A+ Fuse Disc
Order No.: 7940084784
US order No.: SD32

Version:
Surge protection, SD Series, Fuse isolator

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Type: OVP 24V 0.4A + High Bandwidth
Order No.: 7940084785
US order No.: SD32R

Version:
Surge protection, SD Series, High bandwidth

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Type: OVP 24V 0.4A + Low Resistance
Order No.: 7940084788
US order No.: SD32X

Version:
Surge protection, SD Series, Low resistance

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Type: OVP 24V 0.4A, 3TB+Super
Bandwidth
Order No.: 7940084787
US order No.: SD32T3

Version:
Surge protection, SD Series, 3 connections

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Type: OVP 24V 0.4A,3TB+High Bandwidth
Order No.: 7940084786
US order No.: SD32R3

Version:
Surge protection, SD Series, 3 connections



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Type: OVP 3 Wire RTD
Order No.: 7940084795
US order No.: SDRTD

Version:
Surge protection, SD Series, 3-wire RTD

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Type: OVP 48V 0.25A+ Fuse Disc
Order No.: 7940084789
US order No.: SD55

Version:
Surge protection, SD Series, Fuse isolator

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Type: OVP 48V 0.4A + High Bandwidth
Order No.: 7940084790
US order No.: SD55R

Version:
Surge protection, SD Series, High bandwidth

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Type: OVP 48V 0.4A + Low Resistance
Order No.: 7940084792
US order No.: SD55X

Version:
Surge protection, SD Series, Low resistance

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Type: OVP 48V 0.4A,3TB+High Bandwidth
Order No.: 7940084791
US order No.: SD55R3

Version:
Surge protection, SD Series, 3 connections

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Type: OVP 5V 0.25A+ Fuse Disc
Order No.: 7940084774
US order No.: SD07

Version:
Surge protection, SD Series, Fuse isolator

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Type: OVP 5V 0.4A + High Bandwidth
Order No.: 7940084775
US order No.: SD07R

Version:
Surge protection, SD Series, High bandwidth

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Type: OVP 5V 0.4A + Low Resistance
Order No.: 7940084777
US order No.: SD07X

Version:
Surge protection, SD Series, Low resistance

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Type: OVP 5V 0.4A,3TB+High Bandwidth
Order No.: 7940084776
US order No.: SD07R3

Version:
Surge protection, SD Series, 3 connections

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Type: OVP PUB.S.TELEPHONE
NETWORK
Order No.: 7940084794
US order No.: SDPSTN

Version:
Surge protection, SD Series, PSNT

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Products

Modular terminals
Device connectivity - OMNIMATE
Heavy-duty connectors
Electronics
Electronics housing - OMNIMATE housing

Products

Identification systems
Sensor-Actuator Interface (SAI)
Tools
Active industrial Ethernet
Passive Industrial Ethernet

Products

Enclosure systems
Application-specific solutions
Remote I/O - u-remote
Contactless transmission

Support & Service

Download-Feeds
CAE data
OMNIMATE® sample service

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