

DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode,
 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused

1000-1464 CPX DC Defender 24V Module



representative image

Features

- EN/IEC 60950-1, Class I/Div II, ATEX, IECEx
- 100% SASD Protection
- WAGO Cage Clamp Connectors
- Mount into CPX Chassis

Applications

- Industrial Automation
- Controls & Sense Loops
- Telecommunications Base Stations
- IT & Data Centers
- Wastewater Treatment
- Rail
- Oil & Gas
- LED Lighting

Description

DC surge protector (also known as SPD or lightning protector) 1000-1464 from Transtector is an EN/IEC 60950-1, Class I/Div II, ATEX, IECEx module style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 24 Vdc electrical service. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector DC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		24		Vdc
Current Rating			15	A
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			39	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		DC+ to DC-, DC+ to GND, DC- to GND		
Response Time			5	ns
8/20 μ s Surge Current			5	kA
VPL 8/20 μ s L-G			83 @ 500A	Vpk

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode, 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused 1000-1464](#)

DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode,
 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused

1000-1464
 CPX DC Defender 24V Module



representative image

Mechanical Specifications

Size

Height	1.99 in	[50.55 mm]
Width	1.63 in	[41.4 mm]
Depth	3.08 in	[78.23 mm]
Weight	1 lbs	[453.59 g]
Housing Material and Plating	Steel	

Environmental Specifications

Temperature

Operating Range	-40 to +65 deg C
Storage Range	-40 to +65 deg C
Humidity	<95% non-condensing

Installation

Mount Type	CPX Module
Service Wiring Terminal Spring Cage Clamp	#24 to #8 AWG

Compliance Certifications

CE Compliant	Yes
UL Compliant	Yes
ANSI Compliant	Yes
Hazardous Locations Certifications	Yes CSA IEC 60950 ETL 60950-1 Class 1 Div 2 Groups A,B,C,D T6 Class 1 Zone 2 Aex ec IIC T6 Gc EX ec IIC T6 Gc II 3 G Ex ec IIC T6 Gc ITS14ATEX48147X ETL14CA101699377X

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode, 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused 1000-1464](#)

DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode,
5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused

1000-1464
CPX DC Defender 24V Module



representative image

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode, 5 kA SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused 1000-1464](#)

URL: <https://www.transtector.com/dc-surge-protector-spd-cpx-indoor-module-1000-1464-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

DC Surge Protector SPD CPX Indoor Module 24 Vdc, Full-Mode, 5 kA
 SASD EN/IEC 60950-1, Class I/Div II, ATEX, Fused

1000-1464 CAD Drawing

