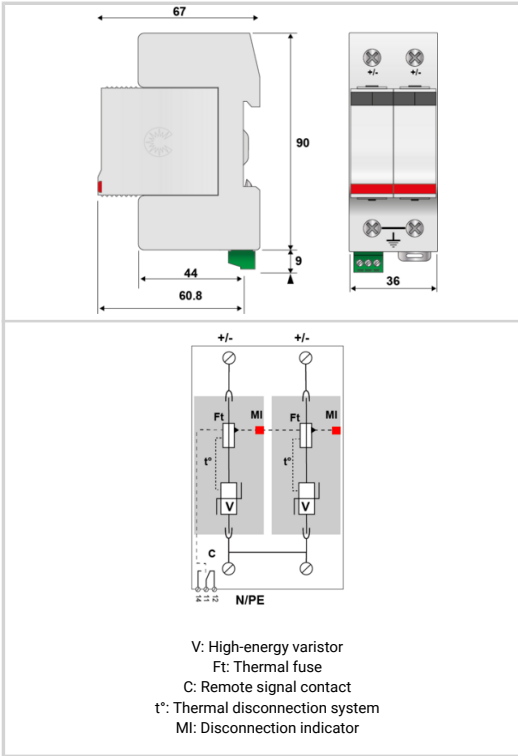


DS42S-48DC



- ↳ 2-pole 48 Vdc surge protector
- ↳ In 15 kA / I<sub>max</sub> 30 kA
- ↳ Pluggable module
- ↳ Remote signaling
- ↳ IEC 61643-11 and EN 61643-11 compliance
- ↳ UL1449 ed.4 approved



Electrical Characteristics	
SPD type (following IEC tests)	1+2
Network	48 Vdc
Nominal line voltage	U <sub>n</sub> 48 Vdc
Nominal DC voltage	U <sub>n-dc</sub> 48 Vdc
Max. DC operating voltage	U <sub>c</sub> 65 Vdc
Follow current	I <sub>f</sub> None
Nominal discharge current (15 x 8/20 μs impulses)	I <sub>n</sub> 15 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	I <sub>max</sub> 30 kA
Impulse current by pole (max. withstand 10/350μs by pole)	I <sub>imp</sub> 4 kA
Total lightning current(max. total withstand @ 10/350μs)	I <sub>total</sub> 8 kA
Connection mode(s)	+/-PE and -/PE
Protection mode(s)	Common mode
Protection level (@ I <sub>n</sub> (8/20μs))	U <sub>p</sub> 300 V
Protection level L/N (@ I <sub>n</sub> (8/20μs))	U <sub>p</sub> L/N 300 V
Protection level L/PE (@ I <sub>n</sub> (8/20μs))	U <sub>p</sub> L/PE 300 V
Mechanical Characteristics	
Technology	MOV
SPD configuration	2-poles
Connection to Network	By screw terminals: 4-25mm <sup>2</sup>
Format	Plug-in modular box
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	T <sub>u</sub> -40/+85°C
Protection rating	IP20
Outdoor application	No
Failsafe mode	Disconnection from DC network
Disconnection indicator	2 mechanical indicators
Spare module(s)	DSM40-48DC
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram
Weight	0.177 kg
Disconnectors	
Thermal disconnector	Internal
Fuses	Fuses type gG - 50 A
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification	UL / EAC
Part number	
462121	

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Surge Suppressors](#) category:*

*Click to view products by [Citel](#) manufacturer:*

Other Similar products are found below :

[2800521](#) [GUS11](#) [GUS4](#) [30460](#) [IE103](#) [SRA64C060X](#) [PC642C015](#) [1810-15-A3](#) [2713175](#) [4B06B-EC1-150LF](#) [SRA6LC](#) [CX06M](#) [CCTV1](#)  
[GUS13](#) [GUS14](#) [GUS5](#) [VAL-MS 320/3+0-FM](#) [TTC-6-1X2-M-24DC-UT-I](#) [TTC-6P-1X2-24DC-UT-I](#) [TTC-6P-1X2-M-24DC-UT-I](#) [VAL-](#)  
[SEC-T2-1S-350-FM](#) [VAL-US-120/40/1+1-FM](#) [VAL-US-120/65/1+1-FM](#) [VAL-US-480D/30/3+0-FM](#) [VAL-US-120/40/1+0-FM](#)  
[STCHSP121BT1RU](#) [LP-GTR-NFF](#) [LP-BFDN-CW](#) [LP-STRL-NFF](#) [LP-STRL-DFF](#) [0804111](#) [5053609](#) [5053201](#) [SPD2-150-1P0](#) [SPD2-550-](#)  
[1P0](#) [1-2191595-2](#) [STC-CAT6-P0E-I](#) [SPD2-350-1P0](#) [SPD2-550-3P0](#) [FLT-CP-350-ST](#) [TTC-6P-3-HF-F-M-12DC-UT-I](#) [TTC-6-2X1-24DC-UT](#)  
[LTC4364CMS-1#TRPBF](#) [DS71RS-120](#) [P8AX09-T/MF](#) [CRMJ8-POE-C6](#) [DS42S-48DC](#) [MJ8-CAT6S](#) [DS41S-280](#) [3414.99.0021](#)