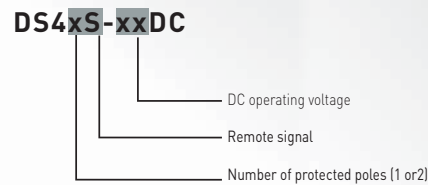


Data Sheet

48 Vdc Surge Protector DS4xS-48DC

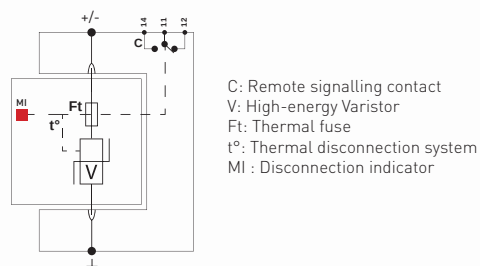
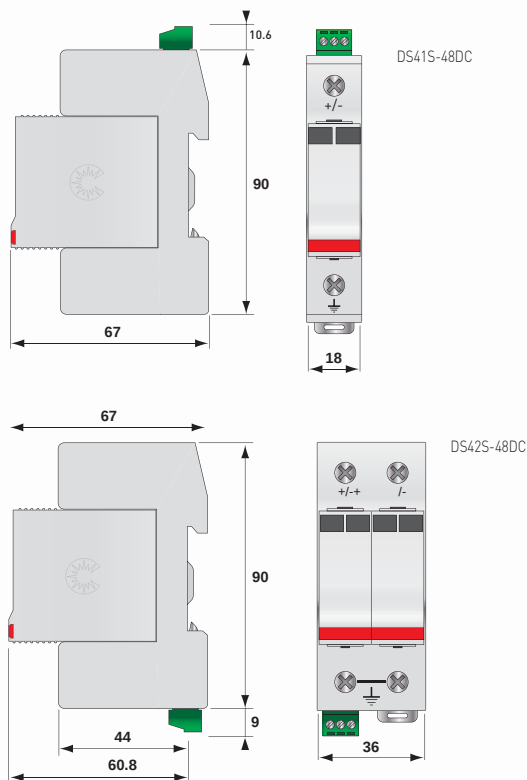


- 1 or 2-pole 48 Vdc Surge Protector
- Type 1 and Type 2 application
- In: 15 kA / I_{max}: 30 kA
- Impulse current I_{imp} : 4kA @ 10/350µs
- Pluggable module
- Remote signaling
- IEC 61643-1 and EN 61643-11 compliance
- UL1449 ed.3 approved



Dimensions and Diagram

(in mm)



Caracteristics

CITEL part number		DS41S-48DC	DS42S-48DC
Typical use		1-pole 48 Vdc power line surge protector	2 pole 48 Vdc power line surge protector
Nominal DC voltage	Un	48 Vdc	48 Vdc
Maximum operating voltage	Uc	65 Vdc	65 Vdc
Operating current leakage current at Un	Ic	< 0.1 mA	< 0.1 mA
Nominal discharge current 15 x 8/20 µs impulse	In	15 kA	15 kA
Maximal discharge current 1 x 8/20 µs impulse	Imax	30 kA	30 kA
Max. Lighting current by pole max withstand at 10/350µs	Iimp	4 kA	4 kA
Protection level	Up	300 V	300V
Associated disconnection devices			
Thermal disconnector		internal	
Fuses (if requested)		Fuses type gG - 50 A	
Caractéristiques mécaniques			
Dimensions		see diagram	
Connection		by screw terminals 4-25 mm²	
Disconnection indicator		1 mechanical indicator	
Mounting		Symetrical rail (EN50022/DIN46277-3)	
Operating temperature		-40/+85 °C	
Housing material		Thermoplastic UL94-V0	
Standard compliance			
NF EN 61643-11	France	Parafoudre Basse Tension - Essais Classe I et II	
CEI 61643-1	International	Low Voltage SPD - Test Class I and II	
EN 61643-11	Europe	Parafoudre Basse Tension - Essais Classe I et II	
UL1449 ed.3	USA	Low Voltage SPD	
Part Number			
DS41S-48DC		332121	
DS42S-48DC		462121	



CITEL

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