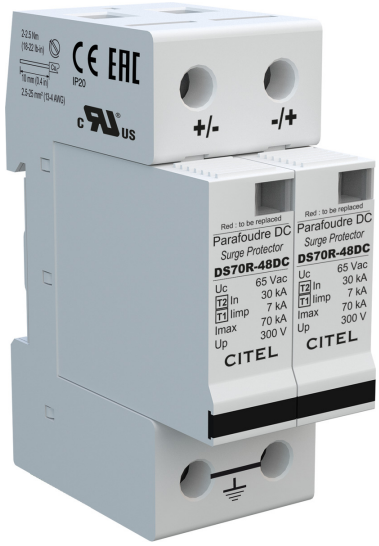
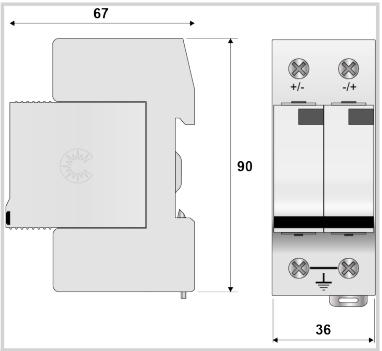
1-pole Type 1 and Type 2 SPD for 48 Vdc

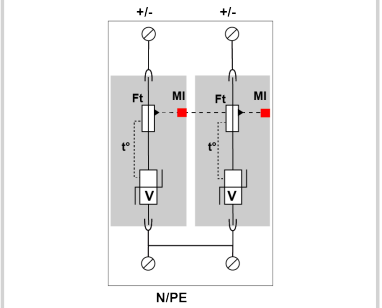
DS72R-48DC



- 2-poles surge protector 48 Vdc
- Type 1 et Type 2
- In 30 kA / Imax 70 kA
- Remote signaling
- Iimp 7 kA
- Pluggable Module
- IEC 61643-11, EN61643-11 and UL1449 ed.5 compliance

CE





V: High-energy varistor
Ft: Thermal fuse
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	1+2
Network		48 Vdc
Nominal line voltage	Un	48 Vdc
Nominal DC voltage	Un-dc	48 Vdc
Max. DC operating voltage	Uc	65 Vdc
Follow current	If	None
Nominal discharge current *15 x 8/20 µs impulses*	In	30 kA
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	70 kA
Total Maximum discharge current *max. total withstand @ 8/20 µs*	Imax Total	140 kA
Impulse current by pole *max. withstand 10/350µs by pole*	Iimp	7 kA
Total lightning current *max. total withstand @ 10/350µs*	Itotal	14 kA
Connection mode(s)		+/PE and -/PE
Protection mode(s)		Common mode
Protection level +/PE (-/PE) *@ In (8/20µs)*	Up	300 V
Mechanical Characteristics		
Technology		MOV
SPD configuration		2-poles
Connection to Network		By screw terminals: 4-25mm²
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from DC network
Disconnection indicator		2 mechanical indicators
Spare module(s)		DSM70R-48DC
Remote signaling of disconnection		DS72RS-48DC option : output on changeover contact
Dimensions		See diagram
Weight		0.204 kg
Disconnectors		
Thermal disconnector		Internal
Back-up protection device		100 A min. - 125 A max. - Fuses type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Environmental standards		EU RoHS
Part number		
492101		