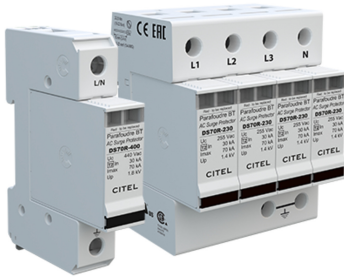




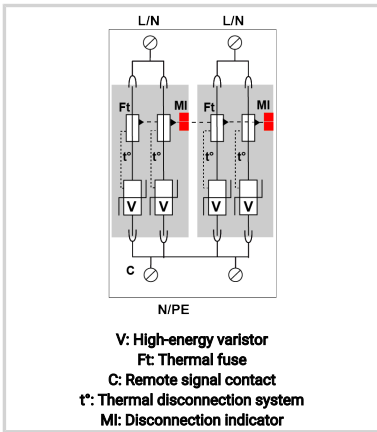
# CITEL

## Type 2 AC surge protector - Single-phase

### DS72R-280



- ▶ Discover our latest innovation : the [DAC80-20-320](#)
- ▶ Re-inforced Type 2 AC surge protector
- ▶ In : 30 kA
- ▶ Imax : 70 kA
- ▶ Pluggable module by phase
- ▶ Remote signaling
- ▶ IEC 61643-11, EN 61643-11 compliance
- ▶ UL1449 ed.5 approved



Electrical Characteristics		
SPD type	IEC	2
Network		230/400 V
AC system		TN
Max. AC operating voltage	Uc	280 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	440 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	None
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	30 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	70 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total	140 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Protection level N/PE <i>@ In (8/20μs)</i>	Up N/PE	1.5 kV
Protection level L/PE <i>@ In (8/20μs)</i>	Up L/PE	1.5 kV
Admissible short-circuit current	Iscrr	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> / by bus
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 AC network
Disconnection indicator		2 mechanical indicators by pole
Spare module(s)		DSM72R-280
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.29 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
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
Part number		
491101		

