



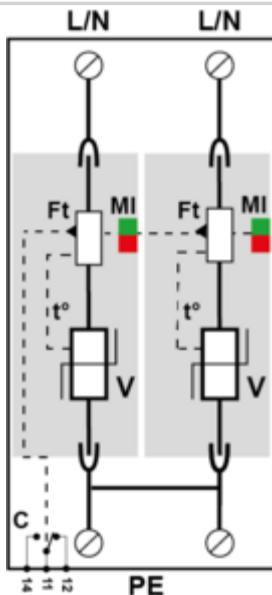
## Type 1+2 AC surge protector

**CITEL**

**DS132RS-230**



- Type 1 + 2 AC multipolar surge protector
- In : 20 kA
- Imp total : 25 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



V: High-energy varistor  
Ft: Thermal fuse  
C: Remote signal contact  
 $t^o$ : Thermal disconnection system  
MI: Disconnection indicator

Electrical Characteristics		
SPD type	1+2	
Network	230 V single-phase	
AC system	TN	
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
Follow current	If	None
Nominal discharge current 15 x 8/20 $\mu$ s impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	Imax	50 kA
Impulse current by pole max. withstand 10/350 $\mu$ s by pole	Imp	12.5 kA
Total lightning current max. total withstand @ 10/350 $\mu$ s	Itotal	25 kA
Withstand on overvoltages IEEE C62.41.1		20 kV
Specific energy by pole max. withstand 10/350 $\mu$ s	W/R	40 kJ/ohm
Connection mode(s)	L/PE and N/PE	
Protection mode(s)	Common mode	
Protection level N/PE @ In (8/20 $\mu$ s)	Up N/PE	1.3 kV
Protection level L/PE @ In (8/20 $\mu$ s)	Up L/PE	1.3 kV
Admissible short-circuit current	Isccr	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	1 mechanical indicator by pole	
Spare module(s)	DSM130R-230	
Remote signaling of disconnection	Output on changeover contact	
Dimensions	See diagram	
Weight	0.301 kg	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses Type gG - 125 A	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		
Part number	571512	

