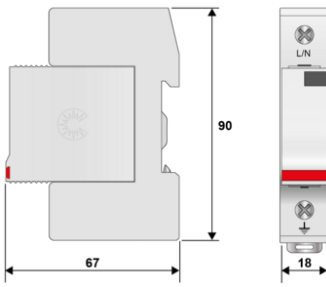
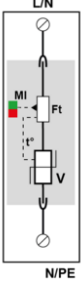


## DS41-400



- Type 2 AC surge protector
- In : 20 kA
- Imax : 40 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



	<b>Electrical Characteristics</b>	
	SPD type	2
	Network	230/400 V
	Nominal line voltage	Un 400 Vac
	Max. AC operating voltage	Uc 440 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 580 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 770 Vac disconnection
	Residual Current	Ipe < 1 mA
	Leakage current to Ground	
	Follow current	If None
	Nominal discharge current 15 x 8/20 μs impulses	In 20 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax 40 kA
	Connection mode(s)	L/N or N/PE
	Protection mode(s)	Common Mode or Differential Mode
	Protection level @ In (8/20μs)	Up 1.8 kV
	Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA 1.3 kV
	Admissible short-circuit current	Iscrc 25 000 A
 <p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator</p>	<b>Mechanical Characteristics</b>	
	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
	Spare module(s)	DSM40-400
	Remote signaling of disconnection	option DS41S-400 : output on changeover contact
	Dimensions	See diagram
<b>Disconnectors</b>		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses type gG - 50 A	
<b>Standards</b>		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification	UL / CSA / TUV SUD	
<b>Part number</b>		
3314011		