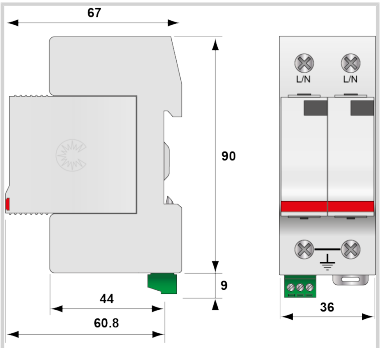
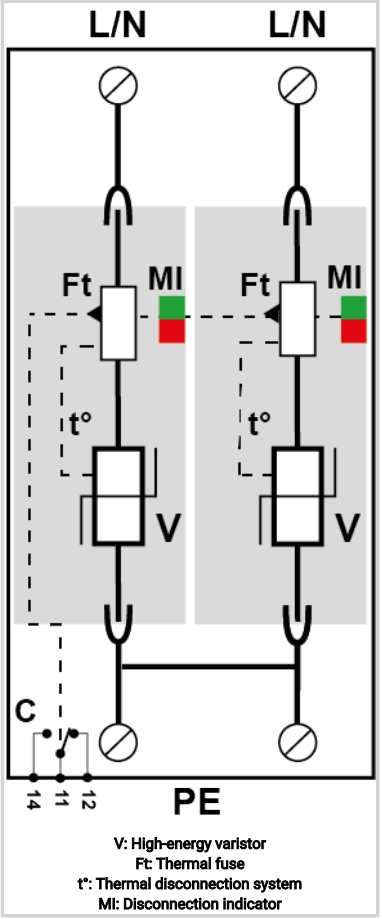
DS42S-280







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

Electrical Characteristics		
Network		230/400V
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	280 Vac
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	40 kA
Total Maximum discharge current *max. total withstand @ 8/20 µs*	Imax Total	80 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
POWER SPD TYPE		UL1449 5th Ed. TYPE 4CA
AC/DC/DC PV/RF		AC
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
IN *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	n/a
IMAX *8/20µs*	(kA)	40
Iimp *10/350µs*	(kA)	4
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 2.5-25mm² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
CONNECTION METHOD		SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
MOUNTING		Din Rail
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
FAIL-SAFE BEHAVIOR		Disconnection via fuse-link
REAL-TIME DIAGNOSTICS		Visual indicator and remote contacts
DIMENSIONS		See diagram
Standards		
Certification		UL Recognized / TUV
Environmental standards		EU RoHS
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA2, VZCA8
UL FILE NUMBER		E326289
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
461121		