



CITEL

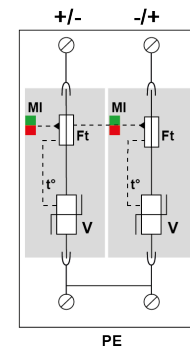
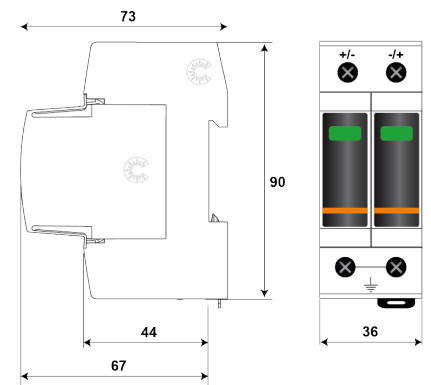


DDC30-20-85



- Surge protector for DC supplies 2-pole
- Type 1 + 2
- In: 15 kA / I_{max}: 30 kA
- I_{imp}: 4kA
- Pluggable module
- Remote signaling (option)
- prIEC 61643-41 compliance

Electrical Characteristics		
SPD type <i>following IEC test</i>		1 ou 2
Nominal DC voltage	<i>U_{n-dc}</i>	75 Vdc
Max. AC operating voltage L-N	<i>U_c</i>	60 Vac
Max. DC operating voltage	<i>U_c</i>	85 Vdc
Residual Current <i>Leakage current to Ground</i>	<i>I_{pe}</i>	< 0.1 mA
Follow current	<i>I_f</i>	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	<i>I_n</i>	20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	<i>I_{max}</i>	30 kA
Impulse current by pole <i>max. withstand 10/350 μs by pole</i>	<i>I_{imp}</i>	4 kA
Connection mode(s)		+/-PE and -/+PE
Protection mode(s)		Common mode
Protection level <i>@ I_n (8/20 μs)</i>	<i>U_p</i>	390 V
Internal short circuit protection		No
Internal Thermal protection		Yes
Mechanical Characteristics		
Technology		MOV
SPD configuration		2 poles
Connection to Network		by screw terminals: 2.5-25 mm ²
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Disconnection indicator		2 mechanical indicators by pole
Spare module(s)		MDDC30-85
Remote signaling of disconnection		Option DDC30S-20-85: output on changeover contact
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Fuses		Fuses type gG - 50 A
Standards		
Standards compliance		prIEC 61643-41
Certification		-
Part Number		828110212



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