



## DAC15C-20-150

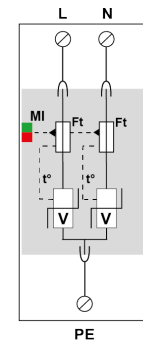
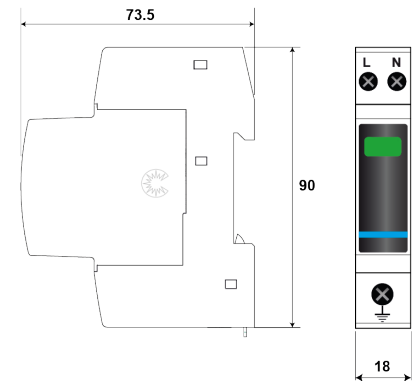


- Compact single-phase type 2 (or 3) surge protector
- $I_n$  : 5 kA
- $I_{max}$  : 15 kA
- Common/Differential mode
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance

Electrical Characteristics		
SPD type <i>following IEC test</i>		2 (ou 3)
Network		120/208 V
AC system		TN
Max. AC operating voltage L-N	$U_c$	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>without disconnection</i>	$U_T$	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>without disconnection or with safety disconnection</i>	$U_T$	230 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	$I_{pe}$	< 1 mA
Follow current	$I_f$	None
Nominal discharge current <i>15 x 8/20 <math>\mu</math>s impulses</i>	$I_n$	5 kA
Max. discharge current <i>max. withstand @ 8/20 <math>\mu</math>s by pole</i>	$I_{max}$	15 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50<math>\mu</math>s - 8/20<math>\mu</math>s</i>	$U_{oc}$	10 kV
Admissible short-circuit current	$I_{sccr}$	10000 A
Protection mode(s)		Common/Differential mode
Protection level CM/DM <i>@ <math>I_n</math> (8/20<math>\mu</math>s)</i>	$U_p$ <i>mc/md</i>	0.6 kV

Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		by screw terminals: 1.5-10mm <sup>2</sup> [L/N] or 2.5-25mm <sup>2</sup> [PE]
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Disconnection indicator		1 mechanical indicator
Spare module(s)		MDAC15C-20-150
Remote signaling of disconnection		Option DAC15CS-20-150 : output on changeover contact
Dimensions		See diagram

Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuses type gG - 20A



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

<b>Standards</b>		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		-
<b>Part Number</b>		821610111