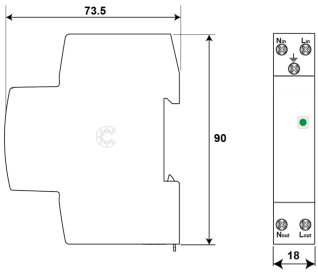
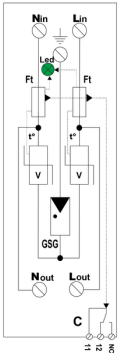


**DACN10-L21YG-275**


- ✦ Cost effective single-phase surge protector
- ✦ Type 2+3 monobloc compact
- ✦ In/Imax: 5 kA/10 kA
- ✦ Max. load current: 16A
- ✦ Disconnection + AC line cut
- ✦ 2-port configuration (series mounting)
- ✦ Remote signaling
- ✦ EN 61643-11, IEC 61643-11 compliance



	<b>Electrical Characteristics</b>			
	SPD type	IEC	2+3	
Network		230 V single-phase		
AC system		TN		
Max. AC operating voltage	U <sub>c</sub>	275 Vac		
Max. load current @25°C	I <sub>L</sub>	16 A		
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		
Residual Current Leakage current to Ground	I <sub>pe</sub>	None		
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	5 kA		
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	10 kA		
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U <sub>oc</sub>	10 kV		
Protection level L/N @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/N	1.3 kV		
Protection level N/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> N/PE	1.6 kV		
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/PE	1.6 kV		
Admissible short-circuit current	I <sub>scrr</sub>	10 000 A		
 <p>V: High-energy varistor GSG: Specific Gas Tube LED: Disconnection indicator Ft: Thermal fuse t*: Thermal disconnection system</p>	<b>Mechanical Characteristics</b>			
	SPD configuration		Single phase	
	Connection to Network		By screw terminals: 1.5-10mm <sup>2</sup>	
	Mounting		Symmetrical rail 35 mm (EN 60715)	
	Housing material		Thermoplastic UL94 V-0	
	Operating temperature	T <sub>u</sub>	-40/+85°C	
	Protection rating		IP20	
	Failsafe mode		Disconnection and AC line cut-off	
	Disconnection indicator		Green LED OFF	
	Remote signaling of disconnection		option DACN10S-L21YG-275	
Dimensions		See diagram - 1TE (EN43880)		
Weight		0.086 kg		
<b>Disconnectors</b>				
Thermal disconnector		Internal		
Installation ground fault breaker		Type 'S' or delayed		
Back-up protection device		Fuses type gG - 25A		
<b>Standards</b>				
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5		
<b>Part number</b>				
70115021				