ETITEC LC1 IP20
- Type 2 (or 3) surge protectors for LED lighting
- Very compact
- Plate mounting
- Screw terminal or spring terminal connection
- Status indicator
- End of life AC Disconnection
- IEC 61643-11 and EN 61643-11 compliance

ETITEC LP1 and LP2
- Type 2 (or 3) surge protector
- Class I or Class II configurations
- Comprehensive range for all configurations
- Compact dimensions
- IP65 version
- Combined AC/Dataline version
- Wire connection
- Max. discharge current 10 kA
- IEC 61643-11 and EN 61643-11 compliant

ETITEC LX
- Ultra compact Type 2 + 3 surge protector for 230 Vac networks
- For Classe I and Classe II
- Wall mounting and hard wired connection
- Breakable mounting bracket
- Protection rating : IP67
- Disconnection signaling by indicator
- AC disconnection in case of end of life

ETITEC L1 DIN
- Type 2 (or 3) surge protectors for Led
- Very compact (low profile)
- DIN rail mounting
- Screw terminal connection
- Status indicator
- Disconnection AC end of life
- IEC 61643-11 and EN 61643-11 compliance

New!

LED lighting protection

Type	Code No.	I_n/I_{max} (8/20) [kA]	Uoc [kV]	U_c [V AC]	IL [A]	Weight [g]	Packaging [pcs]
ETITEC LC1 IP20	002442980	5/10	10	320	5	35	1/36
ETITEC LP1 IP20	002442981	5/10	10	305	2,5	79	1/36
ETITEC LP2 IP20	002442982	5/10	10	305	2,5	79	1/36
ETITEC LX1 IP67	002442983	5/10	10	320	10	52	1/36
ETITEC LX2 IP67	002442984	5/10	10	320	10	52	1/36
ETITEC L1 DIN	002442985	5/10	10	320	10	107	1/72


ETITEC LC1 IP20


ETITEC LP2 IP20


ETITEC LX1 IP67


ETITEC LP1 IP20


ETITEC L1 DIN


ETITEC LX1 IP67

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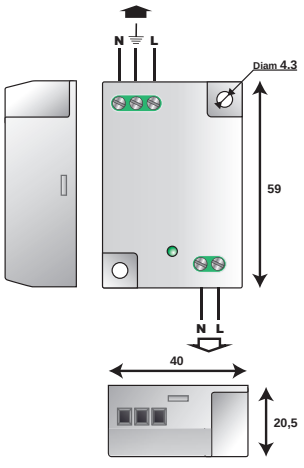
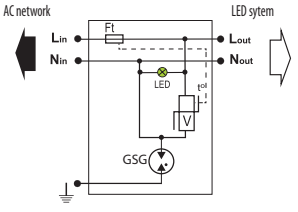
LED lighting protection

ETITEC LC1 IP20		
Description		**Surge protectors for LED lighting system Class 1**
Network		220-240 V single phase
AC system		TT/TN
Protection mode(s)		CM/DM
Max. AC operating voltage	U_c	320 VAC
Max. Load current	I_L	5 A
Residual current - Leakage current at Uc	I_{pe}	x
Temporary Over Voltage (TOV) Charasteristics - 5 sec.	U_T	335 Vac withstand
Temporary Over Voltage (TOV) Charasteristics - 120 mn	U_T	440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT)	U_T	1200 V/300A/200 ms disconnection
Nominal discharge current - 15 x 8/20 µs impulses	I_n	5 kA
Max. discharge current -max. withstand @ 8/20 µs by pole	I_{max}	10 kA
Total lightning current - max. total withstand @ 8/20 µs	I_{total}	20 kA
Withstand on Combination waveform - Class III test	U_{oc}	10 kV/5 kA
Withstand on overvoltages IEEE C62.41.1		10 kV/10 kA
Protection level CM/DM @In (8/20µs) and @ 6kV (1.2/50µs)	U_p	1.5 kV/ 1.5 kV
Admissible short-circuit current	I_{sccr}	10000 A
Admissible short-circuit current		25000 A
Associated disconnectors		
Thermal disconnector		internal
Installation ground fault breaker		Type "S" or delayed
Mechnical characteristics		
Dimensions		see diagram
Connection to Network		Screw (2.5 mm^2 max) or Spring (1.5 mm^2 max) contact terminal
Voltage/operating indicator		Green Led ON
Disconnection indicator		Disconnection
Failsafe behavior		Led green OFF and AC network cut-off
Remote signaling of disconnection		x
Mounting		on plate
Operating temperature		-40 ... +85°C
Protection rating		IP20
Housing material		Thermoplastic UL94-V0
Standards compliance		EN 61643-11 / IEC 61643-11

ETITEC LC1 IP20





Ft: Thermal fuse
Led: Status indicator
V: MOV
GSG: Specific Gas Tube
T°: Thermal system disconnection