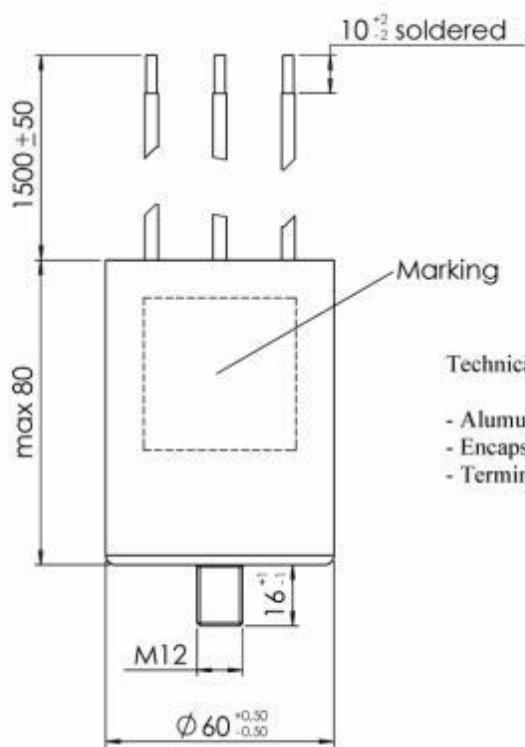
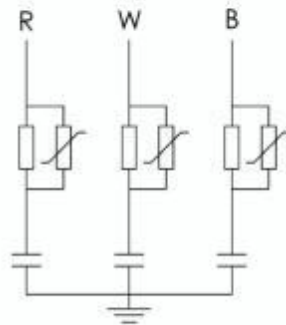


PROTEC Z LV plus MER combination specification sheet

Item	Specification	Unit
Application	LV Generator, motor, transformer, VSD, UPS protection	
Use	Transient switching AND lightning protection combination	
Span of combination	0.1-350	microsecond
Voltage transient protection	Yes	
Current transient protection	Yes	
Vibration proof	Yes	
IP rating	55	
Temperature range	-40 to +70	degrees Celsius
Capacitor type	Dry type	
Overall protection with MER	Classes 1 and 2 with disconnecter	
Alarm output on MER	Yes	
Cabling of alarm	2.5 pair	mm ²
Weight of filter	0.4	kg
THD (V)	10	%
Transient voltage spikes protection VCB/C	1 to 6 max 7	pu
Dimensions of filter	OD 60 x Length 80 UL approved cable	mm
Cable 3 phase	1500	mm
Per phase protection	Yes	
Stud	16 length M12	mm
Versions 3 phase	400 and 690 (-20% to +10%)	Volt
Versions single phase	230 and 440 (-20% to +10%)	Volt
Frequency	50/60 +50 to -50 %	Hz
Barcoding	On request	
Warranty	1 years against any component failure when operated within the specs	
Mounting	Any direction	
Box for transient filter	Aluminium	
Estimated life span of unit	10	years
Specifications	IEC 60831/1-2 UL approved cables	
Manufactured to	ISO9001 and ISO 14001	

Drawing and layout of the PROTEC Z LV

Marking



Technical data:

- Aluminium case
- Encapsulated with epoxy resin
- Terminals: stranded wire H07V2-K 2,5 mm