



DESCRIPTION

- The Protector ensure protection of the output stage of the -48VDC power supply against transient and lightning strikes from the field
- Protector is connected between -M and +DR while the Current-Absorber module (varistor) is usually connected between +DR and PE
- Recommended for lightning, overvoltage and transient protection on mains.

FEATURES

- Protection of the power supply output

DESCRIPTION	PKT70M130	PKT100M130
1. Features	Voltage generator for cathodic protection	
2. Converter voltage	-48VDC	
3. Surge current capability 8/20 μ s, I_{max} - +DR PE	70kA	100kA
4. Energy - +DR PE	490 J	660J
5. Clamping voltage - +DR PE	340V	340V
6. Surge current capability 8/20 μ s, I_{max} - +DR -M	70kA	100kA
7. Energy -+DR -M	490 J	660J
8. Peak voltage @500° - +DR -M	340V	340V
9. Protection modes	-M +DR, +DR PE	
10. Protection Class	T2	
11. Time delay	~25ns	
12. Power loss	~1W	
13. Operating temperature	-25° - 70° C	
14. Mounting	DIN RAIL	
15. Cage	Metallic IP60 Aluminium	
16. Dimensions W x H x D (mm)	122 X 173 X 102	
17. Wight	2KG	3KG
18. Connections	Terminal Blocks 6-35mmq	
19. Marking per LVD	CE	
20. Standards	EN60950, EN61643-11	
21. Inflammability	UL94-V0	

OUTLINE	CONNECTIONS

CODE	DESCRIPTION
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PKT70M130/130-B	Single phase Box 130V/130v 70kA – cathodic protection
PKT100M130-B	Single phase Box 130V /130V 100kA – cathodic protection