



KP KRONE-LSA® MDF - 1 Pair / 10 Pair

The Novaris KP provides protection for KRONE-LSA® termination systems and is suitable for all twisted pair telecommunication services. The unique iSwitch technology offers the ultimate in protection against induced transients and AC induction by totally isolating the load from the incoming line during the disturbance.

KP 10 - [*]

Product Series
Pairs

Variant

KP1-T

KP1-i

KP1-06-DC

KP1-12-DC

KP1-24-DC

KP1-48-DC

KP10 - [*]

Electrical Specifications

Connection type		Series						
Modes of protection		Transverse and common modes						
Maximum continuous voltage DC	U _c	200VDC	8V	15V	30V	56V	* Refer to KP1-[*] version specifications	
Maximum continuous voltageAC	U _c	140VAC	6V	11V	22V	40V		
Maximum discharge current (8/20μs)	I _{max}	10kA						
Maximum load current	I _L	250mA	180mA	250mA				
Protection stages		Multistage						
Voltage protection level @ 1kV/μs	U _p	<220V	<30V	<30V	<40V	<60V		<90V
Impulse durability		C2 8/20μs, 5kA, 10 times						
Overstressed fault mode		Mode 3 (open circuit)						
Series resistance		2.7Ω	17Ω	2.7Ω				
Insertion loss @ 150Ω		0.4 dB						
3dB Frequecnry @ 150Ω		70Mhz						

Mechanical Specifications

Operating temperature / humidity	-40 to +85°C / 5 to 95% non-condensing						
Connection type	KRONE LSA-PLUS®						
Environmental	IP 20						
Mounting	KRONE LSA-PLUS®						
Enclosure / colour	ABS / black						
Weight	6.5g					150g	

Dimensions

Width	9.4mm					125mm	
Height	21mm					18mm	
Depth	36mm					42mm	

Note: KRONE-LSA® is a trademark of KRONE, GmbH, Germany

Standards Compliance

ITU-T K.44
AS/NZS 1768
IEEE C62.41
IEC 61643-21
UL497B
A-tick