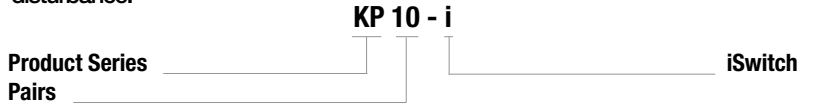




**KP KRONE-LSA® MDF - 1 Pair / 10 Pair**

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.



KP1	KP10	KP1-i	KP10-i
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Electrical Specifications			
Connection type		Series	
Modes of protection		Transverse and common modes	
Maximum continuous voltage	$U_c$	200VDC	
Maximum discharge current (8/20µs)	$I_{max}$	10kA	
Maximum load current	$I_L$	350mA	180mA
Protection stages		Multistage	
Voltage protection level @ 5kV (10/700µs)	$U_p$	<150V	<30V
Maximum frequency	$f_c$	20MHz	
Series resistance		8.2Ω	17Ω

Mechanical Specifications			
Operating temperature / humidity	-40 to +85°C / 0 to 90% non-condensing		
Connection type	KRONE LSA-PLUS®		
Environmental	IP 20		
Mounting	KRONE LSA-PLUS®		
Enclosure / colour	ABS / black		
Weight	6.5g	150g	6.5g 150g

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

Standards Compliance
ITU-T K.44
AS/NZS 1768
IEEE C62.41
BS 6651
CP 33
IEC 61643-21
UL497B
A-tick

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