



**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.



Electrical Specifications				
Connection type		Series		
Modes of protection		Transverse and common modes		
Maximum continuous voltage	$U_c$	200VDC		
Maximum discharge current (8/20µs)	$I_{max}$	5kA		
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