

Device overview measuring and monitoring relays LINETRAXX®



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Voltage monitoring	AC	with U_s	<U, >U				
		without U_s		<U, >U			
	3AC	with U_s					
		without U_s		<U, >U			
	3(N)AC	with U_s			<U, >U		<U, >U, >U _{10min} (423)
		without U_s			<U, >U		<U, >U, >U _{10min} (423H)
DC	with U_s	<U, >U					
	without U_s		<U, >U				
Measuring range/nominal system voltage U_n		AC/DC systems 0...300V	AC/DC systems 9.6...150 V (VME421H-D-1), 70...300 V (VMD421H-D-2)	3AC 690/500/480/440/ 400/230/110/100 V	(L-N) 0...288 V (L-L) 0...500 V	(L-N) 0...288 V (L-L) 0...500 V	(L-N) 0...288 V (L-L) 0...500 V
Frequency		<f, >f	<f, >f		<f, >f	<f, >f	<f, >f
Asymmetry/phase failure					■	■	■
Phase sequence					■	■	■
Current monitoring	1 AC with U_s						
	3 AC with U_s						
Special function							
Special applications				Pure analogue technique			Interface Protection System/Decoupling protection relay
Installation	DIN rail	■	■	■	■	■	■
	Screw mounting	■	■	■	■	■	■



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<U, <<U, >U >>U, >U _{10min}							
<U, <<U, >U >>U, >U _{10min}							
(L-N) 0...300 V (L-L) 0...520 V							
<f, <<f, >f >>f							
■							
■							
■							
	<I, >I			<I, >I			
		<I, >I		<I, >I			
RS-485 interface, Islanding detection: - ROCOF (df/dt) - Vector shift					RS-485 interface		
Interface Protection System/Decoupling protection relay							
				Loop monitoring	Loop monitoring	Fault voltage relay	Energy backup for device series VMD258
	■	■	■	■	■	■	
	■	■	■	■			

* Delivery time on request