Device overview residual current monitors LINETRAXX®

		 LINETRAXX® RCM420	 LINETRAXX® RCMA420	 LINETRAXX® RCMA423	 LINETRAXX® RCMS460/RCMS490
Page		178	181	184	187
Type of distribution system	TN/TT	■	■	■	■
	IT				
Residual currents	⏦	■	■	■	■
	⎓		■	■	■
Number of measuring channels		1	1	1	12 (per device) 1080 (per system)
Response value	$I_{\Delta n1}$	50…100 % x $I_{\Delta n2}$	50…100 % x $I_{\Delta n2}$	50…100 % x $I_{\Delta n2}$	10…100 % x $I_{\Delta n2}$ min. 5 mA
	$I_{\Delta n2}$	10 mA…10 A	10…500 mA	30 mA…3 A	10 mA…10 A (Type AB) 6 mA…20 A (Type A)
Response delay t_{on}		0…10 s	0…10 s	0…10 s	0…99 s
Start-up delay t		0…10 s	0…10 s	0…10 s	0…99 s
Delay on release t_{off}		0…300 s	0…99 s	0…99 s	0…999 s
Operating principle, alarm relays		N/C operation or N/O operation	N/C operation or N/O operation	N/C operation or N/O operation	N/C operation or N/O operation
Special applications					
Installation	DIN rail	■	■	■	■
	Screw mounting	■	■	■	■

	Type	P.	Suitable system components			
Measuring current transformers	W…	218	■			■
	WR…	224	■			■
	WS…	228	■			■
	WF…	232	■			■
	W…AB	221		■	■	■
Coupling device	AKS470	–				
Connection cable measuring current transformer	WX…	221		■	■	
	WXS…	221				■
RS-485 repeater	DI-1DL	258				■
Power supply units	AN420-1	253				■
	AN420-2	253				■
	AN110-1	248				■
	AN110-2	248				■

LINETRAXX®
RCMB20-500-01
RCMB35-500-01

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RCMB35-30-01

195	198
■	■
■	
■	■
■	■
1	1
0…500 mA	30 mA
	2 s (after reset)
	N/C operation
Fault current monitoring in installations containing frequency converters	

Suitable system components	