

Device overview Equipment for insulation fault location ISOSCAN®



Page		88	92	95	100	104	107	107	110
Application		stationary	stationary	stationary	stationary	stationary	stationary	stationary	portable
Circuits	Control circuits	■	■	■			■		■
	Main circuits	■	■	■	■	■		■	■
Voltage system	3(N)AC	■					■	■	
	AC		■	■		■	■	■	
	AC/DC	■		■		■			
	DC	■		■	■	■	■	■	
Nominal voltage U_n max		dependent on type	AC 70...264 V	AC 20...276 V DC 20...308 (EDS 461,491)	DC 20...308 V		AC, 3(N)AC 20...575 V DC 20...500 V	AC, 3(N)AC 20...265 V DC 20...308 V	dependent on type
System leakage capacitance C_e μ F		≤ 500 (150)	≤ 5	acc. to characteristic curve	acc. to characteristic curve	acc. to characteristic curve			acc. to characteristic curve
Response value R_{an} k Ω		1...10000	50...500 k Ω	acc. to characteristic curve	acc. to characteristic curve	acc. to characteristic curve			acc. to characteristic curve
Special applications		Industrial plants, ships, power stations	Medical locations	Industrial plants, ships, power stations, med. locations	Industrial plants, ships, power stations	Medical locations	Locating current injector	Locating current injector	for de-energised systems
Installation	DIN rail		■	■	■		■	■	
	Screw mounting		■	■	■	■	■	■	
	Panel mounting/wall fastening	■							



			Type							
			ISOMETER® IRDH575	ISOMETER® isoMED427P	ISOSCAN® EDS460/490 EDS461/491	ISOSCAN® EDS460-DG	ISOSCAN® EDS150/151	ISOSCAN® PGH471	ISOSCAN® PGH473	ISOSCAN® EDS30...
			Page							
			88	92	95	100	104	107	107	110
			Suitable system components							
Type	P.									
Coupling device to extend the voltage range of the PGH185/186	AGE185	118								■
Measuring instruments	9620-1421	257	■							
	9620S-1421	257	■							
Panel seal for IP 42	– ¹⁾		■							
Transparent cover for IP 65		283	■							
Adapter for DIN rail mounting		–	■							
Measuring current transformers	W...	218			■	■				
	WR...	224			■	■				
	WS...	228			■	■				
	STW2	–		■						
Power supply unit	AN410	251					■			
	AN430	–					■			
	AN450	255					■			
	AN450-133	255					■			
	AN471	–			■	■				
Repeater	DI-1DL	258			■	■				
	DI-2USB	259			■	■				
Protocol converter	COM460IP	261	■	■	■	■	■	■	■	
	FTC470XMB	266	■	■	■	■	■	■	■	
	FTC470XDP	268	■	■	■	■	■	■	■	
Measuring clamp 115 mm	PSA3165	–								■
Accessories for fault location in diode-decoupled systems	EDS165-SET	–								■