

FDV dokumentasjon

Nett-analysator ANR96	Typebetegnelse	Varenummer	EAN	El.nummer
	NETTANALYSATOR ANR96-24	2CSG113000R4051	8012542943402	8027330
	NETTANALYSATOR ANR96-230	2CSG213000R4051	8012542943501	8027331
	NETTANALYSATOR ANR96P-24	2CSG123000R4051	8012542943600	8027332
	NETTANALYSATOR ANR96P-230	2CSG223000R4051	8012542943709	8027333

FDV	ANR er produsert og testet i henhold til IEC 61554, EN 60529, EN 61036, IEC 62052-11, IEC 62053-11, IEC 62053-23, IEC 61038	Ingen krav til periodisk vedlikehold.
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Tekniske Data	Technical features <table> <tr> <td colspan="2">Dimensions</td></tr> <tr> <td>Overall dimensions</td><td>[mm] 96 x 96 x 130 IEC 61554</td></tr> <tr> <td>Max cable section</td><td>[mm²] 2.5</td></tr> <tr> <td>Protection degree</td><td>IP52 on front - IP20 on terminal EN 60529</td></tr> <tr> <td>Weight</td><td>[g] 430</td></tr> <tr> <td colspan="2">Display</td></tr> <tr> <td>Graphic LCD</td><td>Backlit 128 x 128 pixel graphic LCD display</td></tr> <tr> <td>Display dimensions</td><td>[mm] ANR96: 50 x 50</td></tr> <tr> <td colspan="2">Voltage (TRMS)</td></tr> <tr> <td>Direct measurement</td><td>[V] 10 - 600</td></tr> <tr> <td>Ratio transformer range kVT</td><td>[V] 0.01 - 5,000.00</td></tr> <tr> <td>Max over voltage</td><td>[V] 750, beyond this value must use VT</td></tr> <tr> <td>Consumption</td><td>[VA] 0.2</td></tr> <tr> <td>Input resistor</td><td>[MW] >2</td></tr> <tr> <td colspan="2">Current (TRMS). always use external CT .../5A</td></tr> <tr> <td>3 isolated inputs</td><td>[A] 0.01 - 5</td></tr> <tr> <td>Min current value</td><td>[mA] 10</td></tr> <tr> <td>Consumption</td><td>[VA] 0.2</td></tr> <tr> <td>Max over current</td><td>[A] 10 (100 A for 1 second)</td></tr> <tr> <td>Ratio transformer range kCT</td><td>0.01 - 5,000.00</td></tr> <tr> <td colspan="2">THD</td></tr> <tr> <td>Voltage and current</td><td>Up to 91st harmonic</td></tr> <tr> <td colspan="2">Frequency</td></tr> <tr> <td>Range</td><td>[Hz] 30 - 500</td></tr> <tr> <td colspan="2">Accuracy class</td></tr> <tr> <td>Current</td><td>[%] <0.5</td></tr> <tr> <td>Voltage</td><td>[%] <0.5</td></tr> <tr> <td>Power</td><td>[%] <1</td></tr> <tr> <td>Power factor</td><td>[%] <1</td></tr> <tr> <td>Active energy</td><td>[%] <1 IEC 62052-11 IEC 62053-11 IEC 62053-23</td></tr> <tr> <td>Reactive energy</td><td>[%] 2 IEC 62053-23</td></tr> <tr> <td colspan="2">Auxiliary supply</td></tr> <tr> <td>ANR96-230, ANR96P-230, ANR96LAN-230, ANR96PRF-230, ANR96-230 02</td><td>[V] 85 ±265 a.c./d.c.</td></tr> <tr> <td>ANR96-24, ANR96P-24, ANR96LAN-230, ANR96PRF-230, ANR96-230 02</td><td>[V] 20 ± 60 a.c./d.c.</td></tr> <tr> <td>Internal fuse</td><td>5x20 mm 315 mA 250V Fast</td></tr> <tr> <td>Frequency</td><td>[Hz] 50-60</td></tr> <tr> <td colspan="2">Operating environment</td></tr> <tr> <td>Operating temperature</td><td>[°C] -10 + +50</td></tr> <tr> <td>Storage temperature</td><td>[°C] -15 + +70</td></tr> <tr> <td>Operating humidity</td><td>[°C] 90% without condensation</td></tr> <tr> <td colspan="2">Insulation</td></tr> <tr> <td>Voltage insulation</td><td>3,700 V a.c. rms for 1 minute</td></tr> <tr> <td colspan="2">Remote communication</td></tr> <tr> <td>RS485, RJ45</td><td></td></tr> <tr> <td>Baud rate</td><td>[bps] 1,200 - 19,200</td></tr> <tr> <td>Protocols</td><td>Modbus RTU, ASCII, Modbus TCP/IP, Profibus DP</td></tr> </table>	Dimensions		Overall dimensions	[mm] 96 x 96 x 130 IEC 61554	Max cable section	[mm²] 2.5	Protection degree	IP52 on front - IP20 on terminal EN 60529	Weight	[g] 430	Display		Graphic LCD	Backlit 128 x 128 pixel graphic LCD display	Display dimensions	[mm] ANR96: 50 x 50	Voltage (TRMS)		Direct measurement	[V] 10 - 600	Ratio transformer range kVT	[V] 0.01 - 5,000.00	Max over voltage	[V] 750, beyond this value must use VT	Consumption	[VA] 0.2	Input resistor	[MW] >2	Current (TRMS). always use external CT .../5A		3 isolated inputs	[A] 0.01 - 5	Min current value	[mA] 10	Consumption	[VA] 0.2	Max over current	[A] 10 (100 A for 1 second)	Ratio transformer range kCT	0.01 - 5,000.00	THD		Voltage and current	Up to 91st harmonic	Frequency		Range	[Hz] 30 - 500	Accuracy class		Current	[%] <0.5	Voltage	[%] <0.5	Power	[%] <1	Power factor	[%] <1	Active energy	[%] <1 IEC 62052-11 IEC 62053-11 IEC 62053-23	Reactive energy	[%] 2 IEC 62053-23	Auxiliary supply		ANR96-230, ANR96P-230, ANR96LAN-230, ANR96PRF-230, ANR96-230 02	[V] 85 ±265 a.c./d.c.	ANR96-24, ANR96P-24, ANR96LAN-230, ANR96PRF-230, ANR96-230 02	[V] 20 ± 60 a.c./d.c.	Internal fuse	5x20 mm 315 mA 250V Fast	Frequency	[Hz] 50-60	Operating environment		Operating temperature	[°C] -10 + +50	Storage temperature	[°C] -15 + +70	Operating humidity	[°C] 90% without condensation	Insulation		Voltage insulation	3,700 V a.c. rms for 1 minute	Remote communication		RS485, RJ45		Baud rate	[bps] 1,200 - 19,200	Protocols	Modbus RTU, ASCII, Modbus TCP/IP, Profibus DP
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	ANR 96 The technical drawings show the ANR 96 device from three perspectives: front, side, and terminal. The front view shows a square device with a width of 96 mm and a height of 96 mm. The side view shows a depth of 14 mm and a total height of 106 mm. The terminal view shows a square terminal block with a width of 92 mm and a height of 92 mm. The terminal block is labeled with 'R3' and '92'.																																																																																												

Produsent	Navn	Adresse	Tlf.	E-post
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