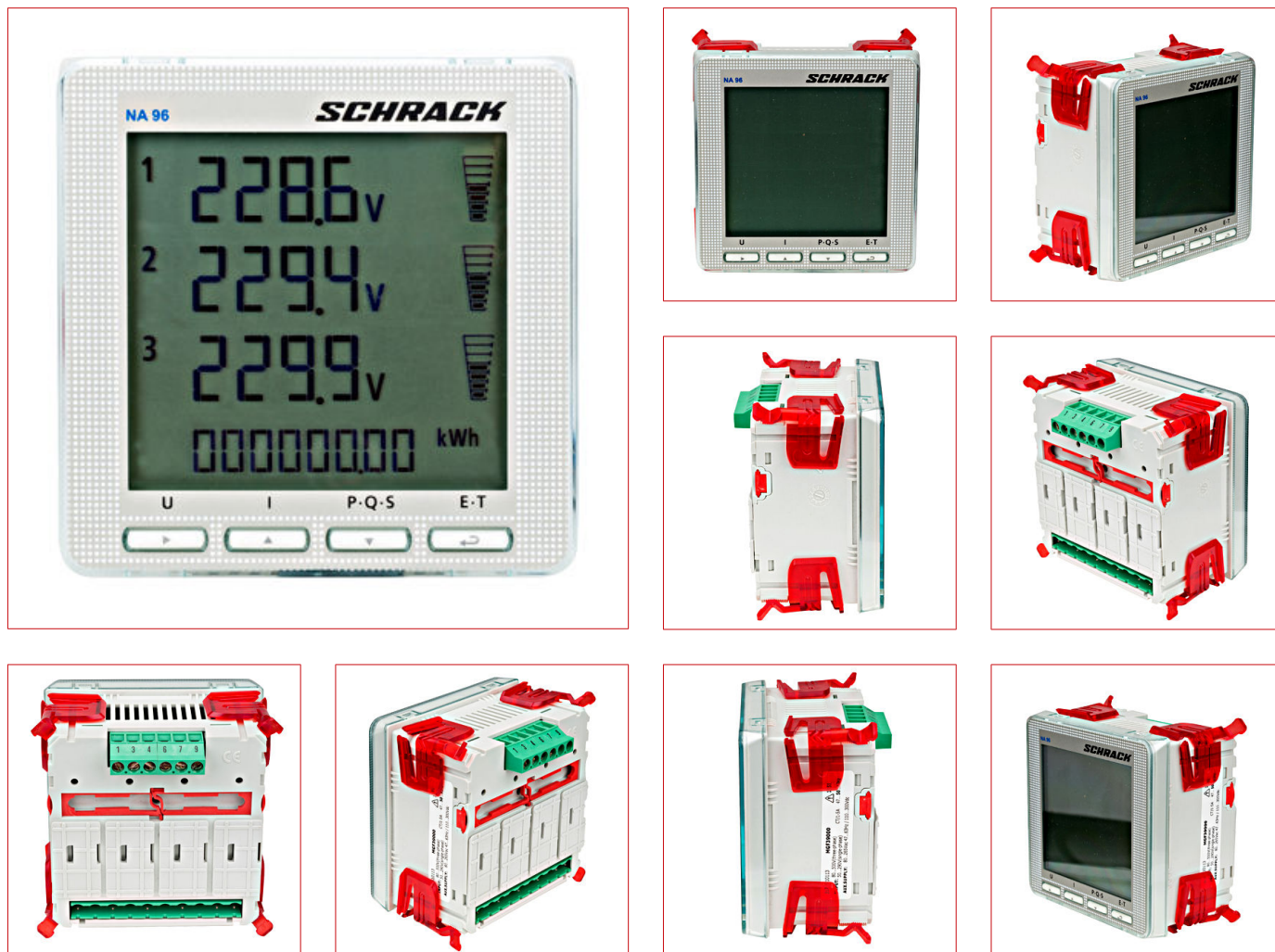


Date tehnice pentru produs: MGF39000--

Analizor de rețea NA96, 96x96mm, aparat de bază



Fișe tehnice

Tip	panou frontal
Mărime	96x96mm
Afișaj	
Afișaj	LCD with backlight
Backlight	switches off automatically after 20 seconds without operation
Backlight dimmable	0 - 30 - 70 - 100%
Display indication	4 lines / 4 digits
Measuring cycle time (s)	1, 10

Fișe tehnice - Continuare

Accuracy

Real energy (tolerance)	Class 1 (62053-21)
Reactive Power (tolerance)	Class 2 (EN62053-23)
Voltage (tolerance)	± 0.5% (80...500 V phase - phase)
Current (tolerance)	± 0.5% (10...120% I _n)
Power (tolerance)	± 1% (10...120% P _n , Q _n , S _n)
Frequency (tolerance)	± 0.15 Hz

Average current

Integration time	adjustable 5/8/10/15/20/30/60 minutes
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Programming

Buton	4 front keys, access protected by password
Data storage	storage of data in non-volatile memory

Programmable parameters

Tipul comunicării	RS 232, address, baud rate, parity bit
Pulse value	Active or reactive energy, valence, pulse duration
Relay	Assignment of measured variable, switching threshold, min or max, NO or NC, hysteresis, response delay, dropout delay
Tip rețea	1 - phase or 3 / 4 - phase connection
Primary voltage (V)	1 ... 10 (max. primary voltage 1200V)
Primary currents (A)	1 ... 9999 (max. primary current 50kA / 5A - 10kA / 1A)
Current average	Integration time

Input

Mains type	1 - phase or 3 / 4 - phase connection
Voltage (three-phase network)	80 ... 500 V (phase-phase)
Voltage (alternating current network)	50 ... 290 V
Nominal current (input)	5A - 1A - nur Stromwandleranschluss
Overload (continuous)	1.2 I _n
Overload (short-time)	20 I _n / 0.5 seconds
Rated frequency (Hz)	50
Working frequency (Hz)	47...63
Measuring method	True RMS conversion
Harmonic content	up to the 16th harmonic
Self-consumption (voltage path)	≤ 0.5VA (per phase)
Self-consumption (current path)	≤ 0.5VA (per phase)

Auxiliary voltage

Auxiliary voltage U _{aux}	80 ... 265VAC / 110 ... 300VDC
Rated frequency (auxiliary voltage)	50 Hz
Operating frequency (auxiliary voltage)	47 ... 63 Hz
Consum de putere	< 3,5 W / ≤4VA (without additional modules)
Installation category	III
Grad de poluare	2
Insulation voltage	300V (phase - neutral)
Isolation test voltage	4 kV R.M.S. 50 Hz/1 min

Fișe tehnice - Continuare

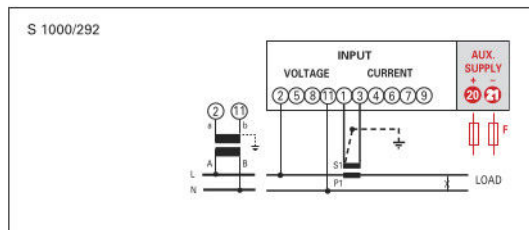
Test circuit	all circuits and ground
Electromagnetic compatibility	
Emission test	according to EN 62052-11
Immunity test	according to EN 62052-11
Working conditions	
Reference temperature (°C)	23 ± 2
Temperatură de funcționare	-5°C to +55°C
Gama de temperatură - Transport/Depozitare (°C)	-25 to +70
Temperature influence (°C)	≤ 0,1% / °C
disipare (W)	6,00
Carcasă	
Housing type	for panel mounting (panel cut-out 92 x 92 mm)
Front frame (mm)	96 x 96mm
Depth (incl. Modules) (mm)	81
Adâncime (mm)	62
Conexiune	Clema cu șurub
Connection (current)	max. 6mm ²
Connection (voltage)	max. 4mm ²
Housing material	Polycarbonate, self-extinguishing
Grad de protecție	IP54 (front), IP20 (connections)
Lungime (mm)	76,00
Lățime netă (mm)	92,00
Înălțime (mm)	92,00
Masă netă (kg.)	0,29
Temperatura minimă a mediului ambiant (°C)	-25
Temperatura maximă a mediului ambiant (°C)	55

Schema electrica: Analizor de rețea NA96, 96x96mm, aparat de bază

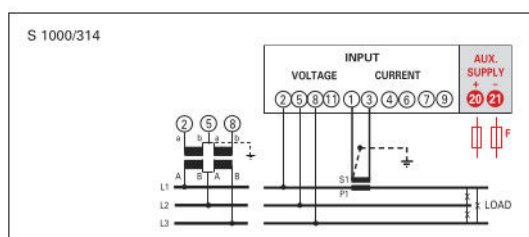
SCHEMI D'INSERZIONE WIRING DIAGRAMS

F : 1A gG

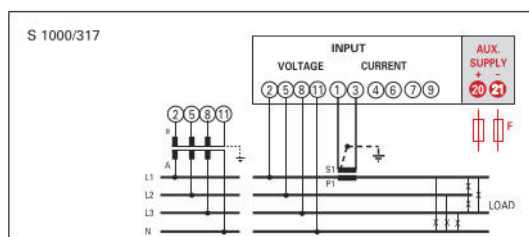
1n1E
Linea Monofase
Single phase network



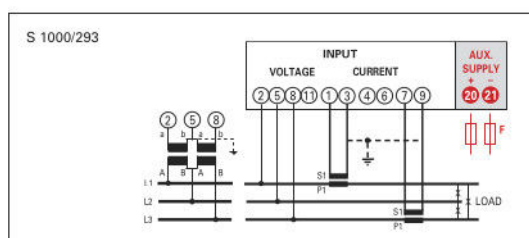
3-1E
Linea Trifase 3 Fili 1 Sistema
Three-phase 3-wires network 1 Systems

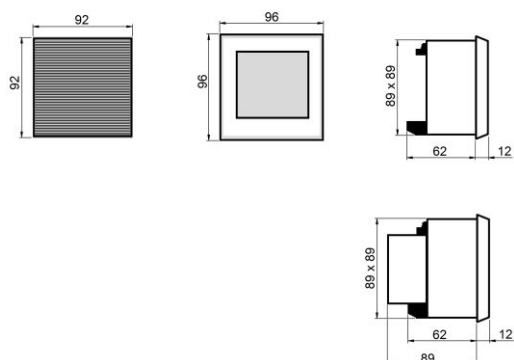


3n1E
Linea Trifase 4 Fili, 1 Sistema
Three-phase 3-wires network, 1 Systems



3-2E
Linea Trifase 3 fili, 2 Sistemi
Three-phase 3-wires network, 2 Systems



Maßbild (mm)

Tabel articole

Descriere	Cod comandă
Analizor de rețea NA96, 96x96mm, aparat de bază	MGF39000
Accesorii opționale	
Modul extensie semnalizare valori critice, cu 2 ND	MGF3900A
Modul comunicație M-Bus	MGF3900B
Modul comunicație M-Bus	MGF3900B
Modul comunicație Ethernet pt. analizor de rețea	MGF3900E
Modul cu 2 iesiri în impuls	MGF3900I
Modul comunicație LonWorks	MGF3900L
Modul cu 2 iesiri analogice	MGF3900M
Modul extensie port PROFIBUS	MGF3900P
Modul comunicație serial RS485	MGF3900R
Modul stocare date pt. NA96 și NA96+, cu interfață RS485	MGF3900S
Transformator curent modular 60A/5A, 3VA, cl. 3	MG900222
Transformator curent modular 100A/5A, 3VA, cl. 1	MG900225
Transformator de curent 60/5A, D=21mm, clasă 1	MG952006-A
Transformator de curent 100/5A, D=21mm, clasă 0,5	MG952010-A
Transformator de curent 250/5A, D=21mm, clasă 0,5	MG952025-A
Transformator de curent 600/5A, 30x10, clasă 0,5	MG954060-A
Transformator de curent 800/5A, 40x10, clasă 0,5	MG955080-A
Transformator de curent 2000/5A, 65x32, clasa 0,5	MG957200-A
Transformator de curent 3000/5A, 125x50, clasa 0,5	MG959300-A
Transformator de curent 4000/5A, 125x50, clasa 0,5	MG959400-A