

Date tehnice pentru produs: MGF39001--

Analizor de rețea NA96+ 96x96mm



Fișe tehnice

Tip	panou frontal
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
Mărime	96x96mm
Accuracy	
Real energy (tolerance)	Class 0.5 (62053-21)
Reactive Power (tolerance)	Class 2 (EN62053-23)
Voltage (tolerance)	± 0.2% (80...690 V phase - phase)
Current (tolerance)	± 0.2% (10...120% In)
Power (tolerance)	± 0.5% (10...120% Pn, Qn, Sn)
Frequency (tolerance)	± 0.15 Hz
Average current	
Integration time	adjustable 5/8/10/15/20/30/60 minutes
Programming	
Buton	4 front keys, access protected by password
Data storage	storage of data in non-volatile memory

Fișe tehnice - Continuare

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 ... 3000 (max. primary voltage 300000V)
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...600 V (phase-phase)
Voltage (alternating current network)	50 ... 400 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
metodă de măsurare	conversie valoarea efectivă adevărată
Harmonic content	up to the 22nd 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
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)	6,50

Carcasă

Housing type	for panel mounting (panel cut-out 92 x 92 mm)
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Fișe tehnice - Continuare

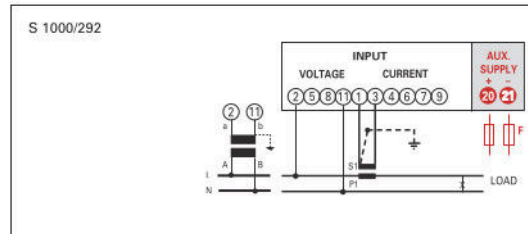
Front frame (mm)	96 x 96mm
Depth (incl. Modules) (mm)	81
Adâncime (mm)	62
Conexiune	Clema cu șurub
Connection (current)	max. 6mm ²
Connection (voltage)	max. 4mm ²
Housing material	Polycarbonate, self-extinguishing
grad de protecție	IP54 (front), IP20 (connections)

Schema electrica: Analizor de retea NA96+ 96x96mm

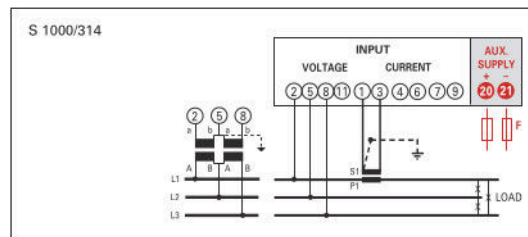
SCHEMI D'INSERZIONE WIRING DIAGRAMS

F : 1AgG

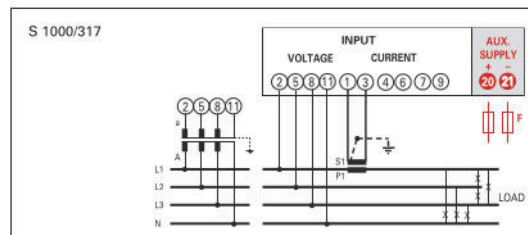
1N1E
Linea Monofase
Single phase network



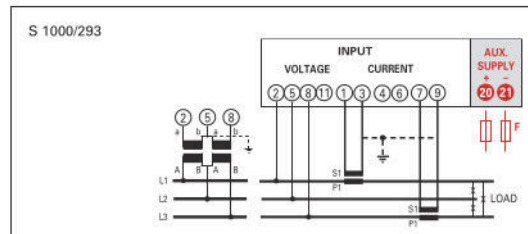
3-1E
Linea Trifase 3 Fili 1 Sistema
Three-phase 3-wires network 1 Systems



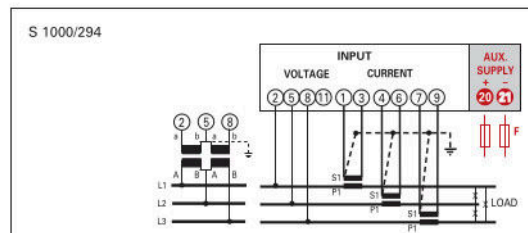
3N1E
Linea Trifase 4 Fili, 1 Sistema
Three-phase 3-wires network, 1 Systems



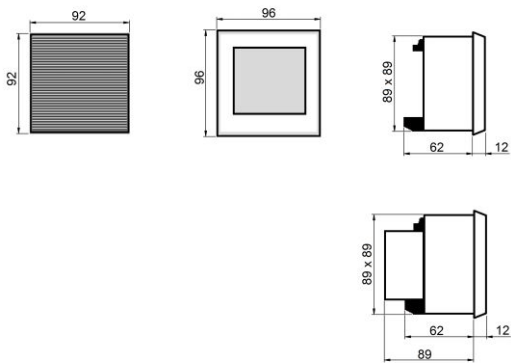
3-2E
Linea Trifase 3 fili, 2 Sistemi
Three-phase 3-wires network, 2 Systems



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



MGF39001 Maßzeichnung



Tabel articole

Descriere	Cod comandă
Analizor de rețea NA96+ 96x96mm	MGF39001
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 in 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