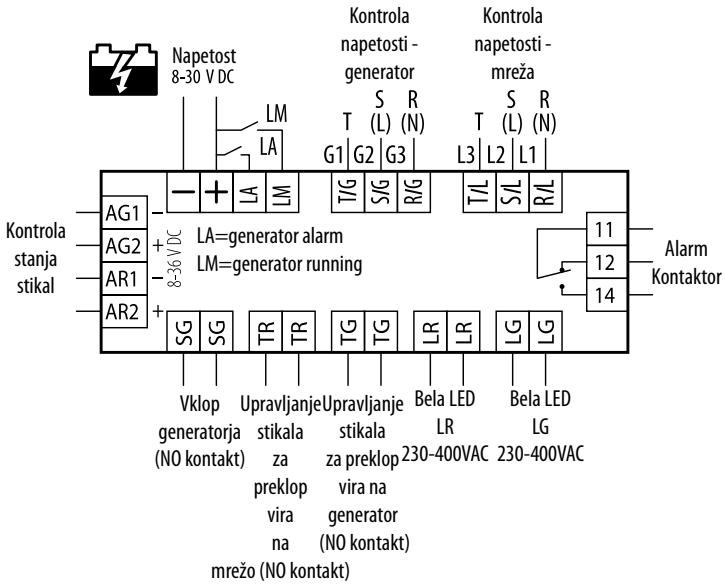
ATS kontrolnik (ATC-E, ATC-B)

Tehnični podatki

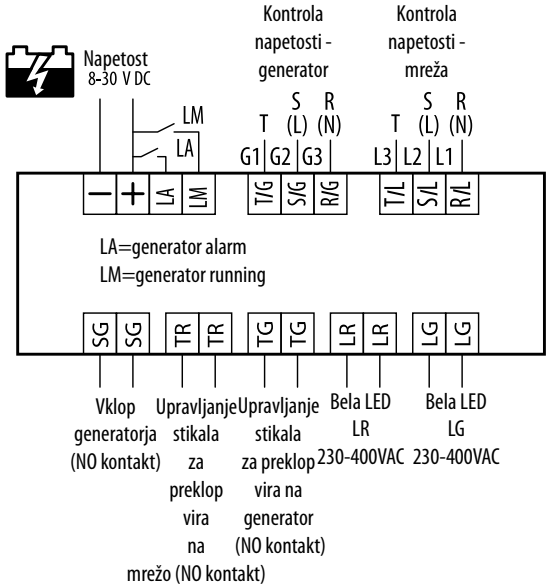
Specifikacije:		ATC-E	ATC-B
Napajanje DC	V DC	8 - 30 V DC	
Poraba (max. AC)	VA	4 VA	
Kontrola tipov napetosti	V AC	230 V(1F) / 400 V(3F) / 440 V(3F)	
Kontrola stanja stikal	-	✓	✖
Prikazovalnik - tip	-	3 številke, 7 segmentov	
Meritev	-	RMS	
Območje meritev napetosti	V AC	0 - 500 V AC	
Območje meritev frekvence	Hz	45 - 65 Hz	
Točnost	%	±2 %	
Temperaturno območje delovanja	°C	-10 / +50 °C	
Temperaturno območje skladiščenja	°C	-30 / +70 °C	
Stopnja zaščite	IP	IP 20	
Max. presek priključnih vodnikov	mm^2	2,5 mm^2 (screw clips)	
Relativna vlažnost	%	95 %	
Material - ohišje	-	UL94 V0 (plastika)	
Tip ohišja	-	Standardne dimenzije - 96x96	
Dimenzije ohišja HxWxD	mm	96 x 96 x 112	
Teža	g	230 g	200 g

Vezalna shema

Vezava ATC-E

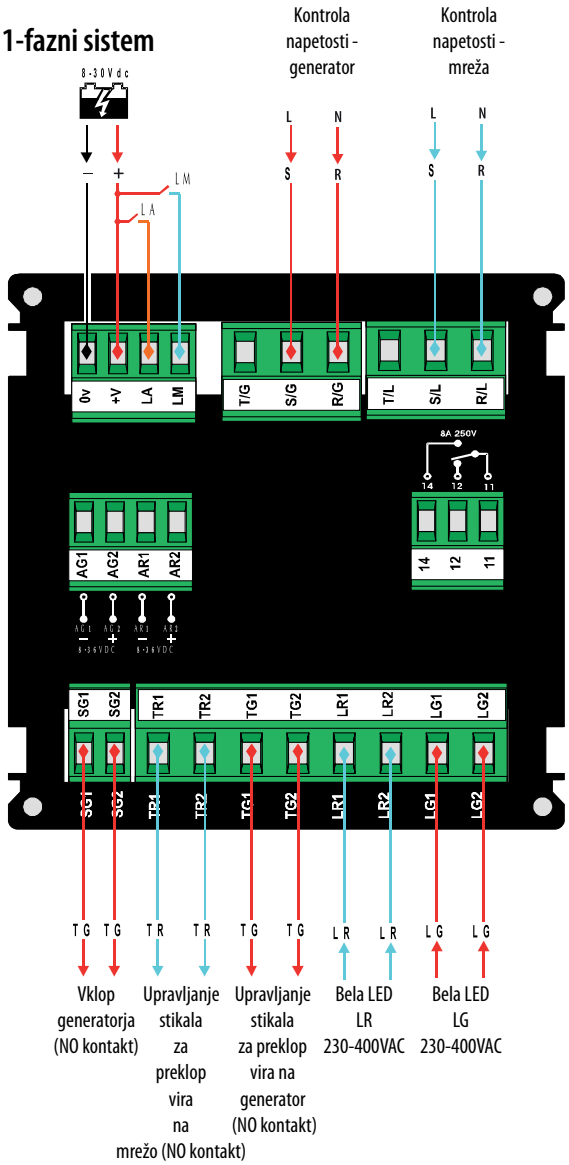


Vezava ATC-B

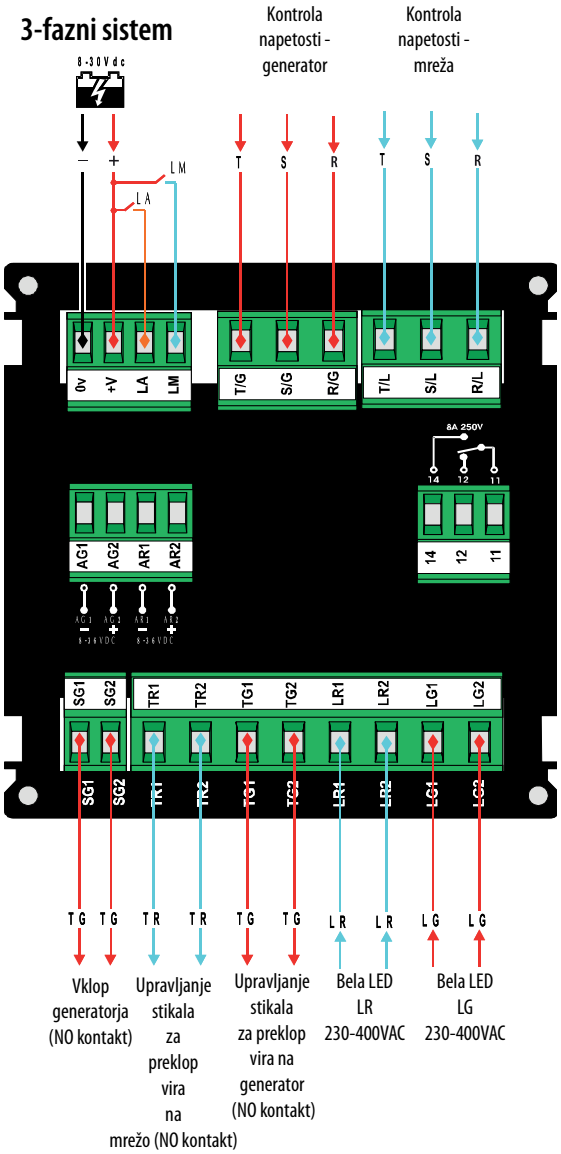


Primeri vezave

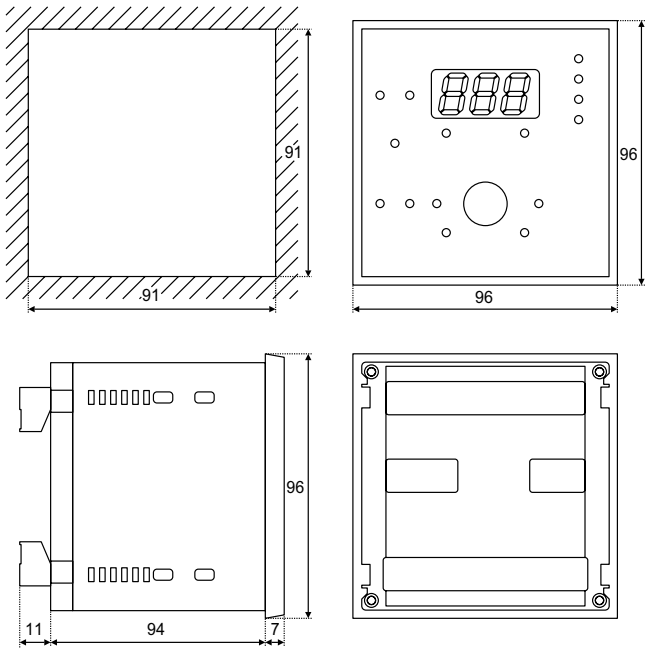
1-fazni sistem



3-fazni sistem

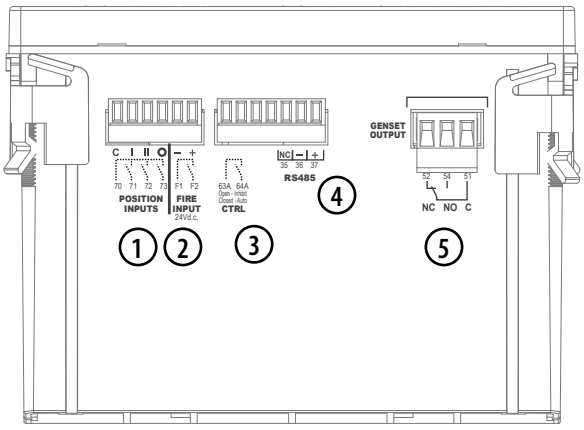


Dimenzije

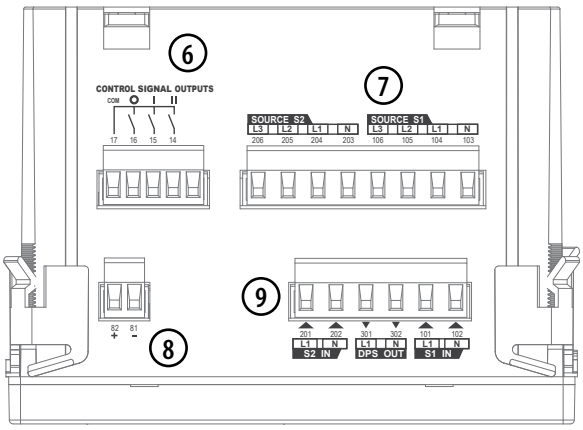


	ATSC25
	184 - 300 VAC
	10 W
	90 - 520 VAC
	50 - 300 VAC
	45 - 65 Hz
	12 - 24 VDC
	RS485
	0,5 - 2,5 mm² (screw terminals)
	-25 °C ... +60 °C
	80 % / 50 °C 95 % / 40 °C
	96 x 144 x 106
	III
	IEC 61010-2-201, IEC 60947-6-1, IEC 60947-1

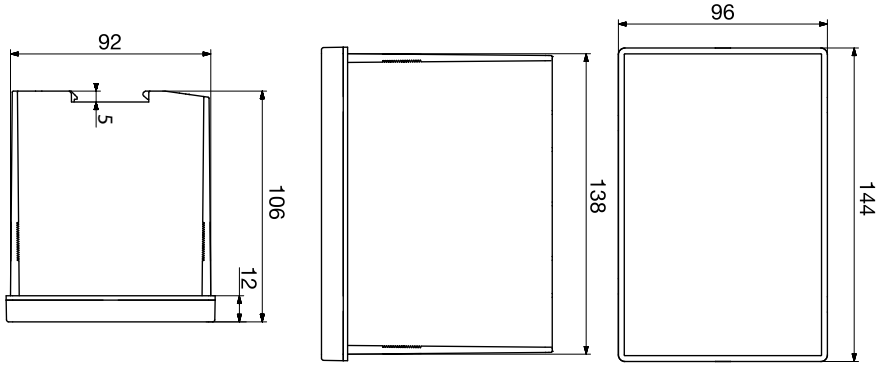
Connectors top view



Connectors bottom view

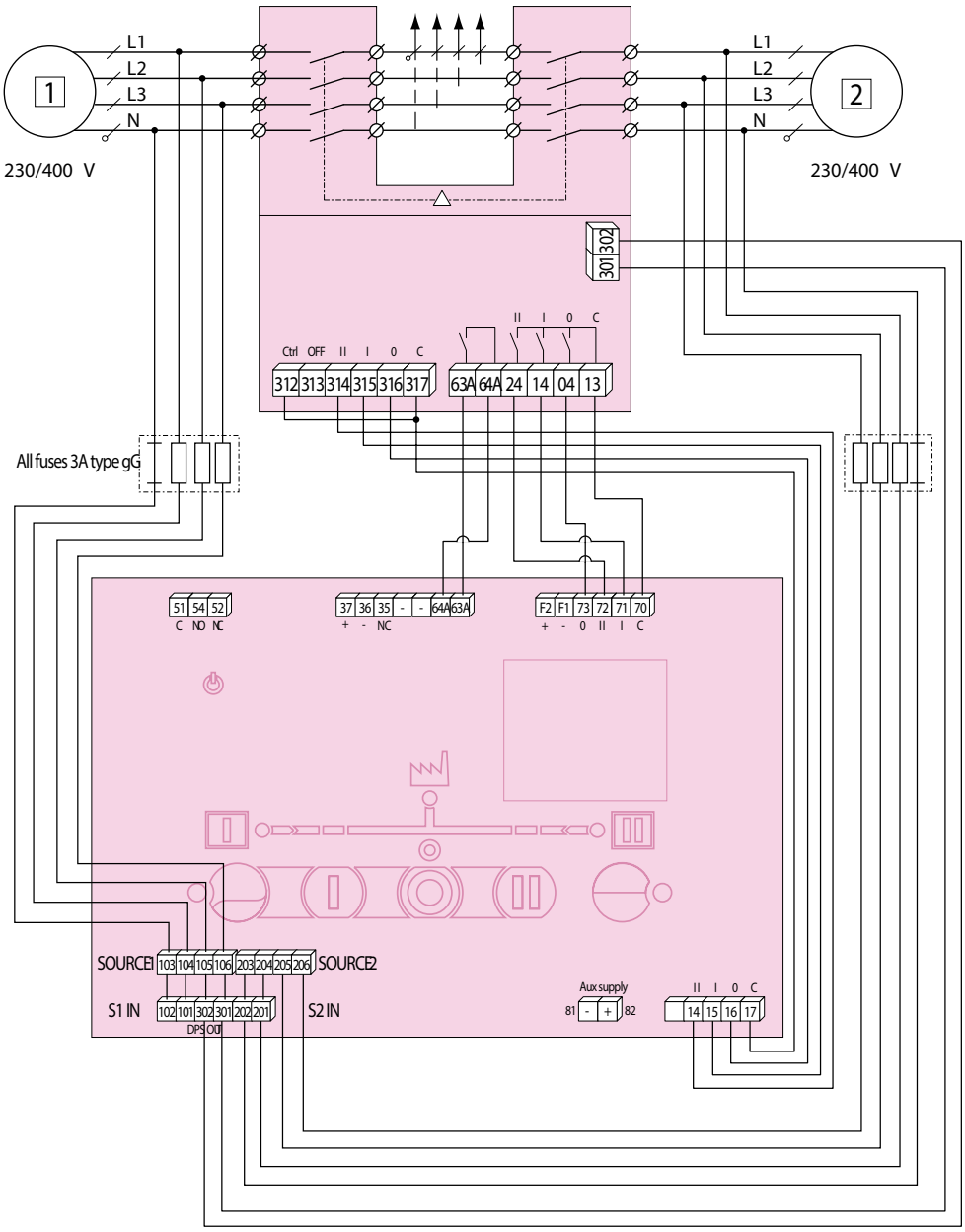


Dimenzije



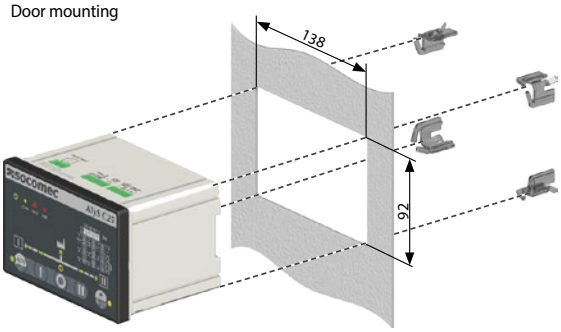
Vezalna shema

ATSC25



Tehnični podatki

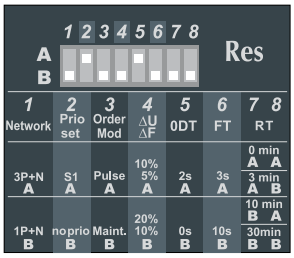
Door mounting



DIN rail mounting

1. Mounting

2. Unmounting



After changing DIP switch settings press RES button shortly (<3s) to validate.

To reset settings configured through communication long press on RES button > 10s.

DIP Switch		
DIP 1 A/B	A	Three phase network
	B	Single phase network
DIP 2 A/B	A	Prioritty source 1
	B	No priority
DIP3 A/B	A	Control mode impulse logic
	B	Control mode contactor logic
DIP 4 A/B	A	Overvoltage setting at 10% of nom voltage / overfrequency setting 5% of nominal frequency (hysteresis value is 20% of ΔU/ΔF)
	B	Overvoltage setting at 20% of nom voltage / overfrequency setting 10% of nominal frequency (hysteresis value is 20% of ΔU/ΔF)
DIP5 A/B	A	Load supply down time of 2 second (0DT = 02 sec)
	B	Load supply down time of 0 second (0DT = 0 sec)
DIP6 A/B	A	Wait time of 3s before source is lost (Fail timer = 3s)
	B	Wait time of 10s before source is lost (Fail timer = 10s)
DIP 7 & 8 A/B & A/B	AA	Wait time of 0min before source returns (retrun timer = 0min)
	AB	Wait time of 3min before source returns (retrun timer = 3min)
	BA	Wait time of 10min before source returns (retrun timer = 10min)
	BB	Wait time of 30min before source is lost returns (retrun timer = 30min)

Denomination	Terminal	Description	Characteristics
Control signal outputs (orders to RTSE)	14	Position II order	AC1 – General use – Ie :5A , Ue : 250V DC – General use – Ie 5A, Ue: 30V
	15	Position I order	
	16	Position 0 order	
	17	Common point for position output	
RS485	35	NC – Not connected	RS485 Isolated bus
	36	Negative electrode	
	37	Positive electrode	
Genset output	51	Common point	AC1 – General use – Ie :3A , Ue : 250V DC – General use – Ie 3A, Ue: 30V AC1 – General use – Ie :5A , Ue : 250V DC – General use – Ie 5A, Ue: 30V 150W
	52	Normaly closed contact	
	54	Normaly open contact	
Controller inhibit input	63A	Controller is inhibited when this contact is open	Do not use external voltage - Power from common point
	64A		
Position iputs (return of informa-tion from RTSE)	70	Common point for position inputs	Do not use external voltage - Power from common point
	71	Position I RTSE	
	72	Position II RTSE	
	73	Position 0 RTSE	
Fire input	F1	Negative electrode of the 24 V.d.c	11-25 V.d.c
	F2	Positive electrode of the 24 V.d.c	
Optional Aux supply 24V.d.c	81	Negative electrode of the 24 V.d.c	19-30 V.d.c
	82	Positive electrode of the 24 V.d.c	
Source 1 and 2 voltage inputs	103	Source 1 N	Sensing range : 90-520 VAC (ph-n) 50-300 VAC L-N Supply range : 161-300 VAC (ph-n) Max consumption 10 W
	104	Source 1 L1	
	105	Source 1 L2	
	106	Source 1 L3	
	203	Source 2 N	
	204	Source 2 L1	
	205	Source 2 L2	
	206	Source 2 L3	
DPS output (RTSE power supply)	301	Phase output	AC1 – General use – Ie :8A , Ue : 250V DC – General use – Ie 5A, Ue: 30V 150W
	302	Neutral output	

ATSDPS