



# 3PH VOLTAGE STABILISERS T MODELS

## COMMON REGULATION OF THE 3 PHASES

MINISTAB T THREE-PHASE 3.5-32 KVA  
STEROSTAB T THREE-PHASE 22-800 KVA



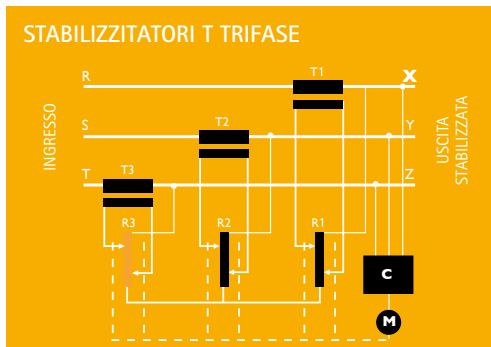
MINISTAB

STEROSTAB

### GENERAL CHARACTERISTICS

Mains	Three-phase
Nominal input voltage	380V or 400V or 415V (**)
Nominal output voltage	380V or 400V or 415V (**)
Output accuracy	$\pm 1\%$ RMS
Frequency	50/60 Hz $\pm 5\%$
Admitted load variation	0 to 100%
Admitted load unbalance	up to 50%
Admitted overload	10 times the nominal power during 10 ms, 5 times during 6 s, 2 times for 1 minute
Harmonic distortion	$< 0,1\%$
Efficiency	$> 98,5\%$
Cooling	natural air convection (fan-free system)
Colour	black or RAL 7035 (depending on model)
Protection degree	IP21
Installation	indoor
Standard fittings	digital voltmeter, pilot lamps, tropicalised control boards

(\*\*) to be specified on the order. Different voltage values available on request.



T = series transformer (booster)  
R = variable autotransformer  
C = electronic control circuit  
M = servomotor

### OPTIONAL FITTINGS

SHORT CIRCUIT PROTECTION

OVERLOAD PROTECTION

OVER/UNDER VOLTAGE PROTECTION

REVERSED PHASE SEQUENCE / PHASE FAILURE PROTECTION

SOFT START

MANUAL OR AUTOMATIC BY-PASS

DIGITAL NETWORK ANALYSER DISPLAYING THE ELECTRICAL PARAMETERS

ISOLATION TRANSFORMER

ADAPTING TRANSFORMER

SURGE ARRESTERS

IP54 INDOOR OR OUTDOOR VERSION







## VOLTAGE STABILISERS

### MINISTAB T COMMON REGULATION OF THE THREE PHASES

#### THREE-PHASE 400V 50/60 HZ PROTECTION DEGREE IP21

Model	Rated power (KVA)	Voltage variations ( $\pm\%$ )	Response time (ms/V)	Output accuracy ( $\pm\%$ )	Fittings	Protection degree IP	Dimensions (mm) a x b x h	Net weight (kg)	Case
T304E	3.5	$\pm 30$	13	$\pm 1$	CG, L	21	450x560x400	75	B
	4	$\pm 25$	15						
	6	$\pm 20$	16						
T304E10	8.5	$\pm 15$	20	$\pm 1$	L	21	450x560x400	75	B
	10	$\pm 10$	30						
T306E	7	$\pm 30$	13	$\pm 1$	CG, L	21	450x560x400	85	B
	8	$\pm 25$	15						
	12	$\pm 20$	16						
T306E22	15	$\pm 15$	21	$\pm 1$	L	21	450x560x400	85	B
	22	$\pm 10$	33						
T308E	10	$\pm 30$	15	$\pm 1$	CG, L	21	450x560x400	110	B
	12	$\pm 25$	16						
	18	$\pm 20$	18						
T308E32	25	$\pm 15$	23	$\pm 1$	L	21	450x560x400	110	B
	32	$\pm 10$	30						

Fittings

GC: range selector terminal block

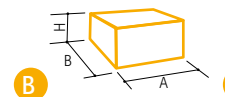
L: pilot lamp

Optional fittings

V: digital voltmeter (T3..EV models)

Note: models with different power, and/or different input range, and/or different output accuracy can be quoted on demand.

IREM voltage stabilisers are designed to deliver the declared power permanently (24/7) under the worst operating conditions, i.e. at full load, at minimum input voltage and max input current and at the declared ambient temperature.



## VOLTAGE STABILISERS

### STEROSTAB T COMMON REGULATION OF THE THREE PHASES

#### THREE-PHASE 400V 50/60 HZ PROTECTION DEGREE IP21

Model	Rated power (KVA)	Voltage variation (±%)	Response time (ms/V)	Output accuracy (±%)	Fittings	Protection degree IP	Dimensions (mm) a x b x h	Net weight (kg)	Cabinet
T310AN22	22	±30	10	±1	V, L	21	650x650x1300	250	F
T310AN30	30	±25	11						
T310AN40	40	±20	13						
T310AN55	55	±15	14						
T310AN90	90	±10	28	±1	V, L	21	650x650x1300	280	F
T312AN35	35	±30	6						
T312AN45	45	±25	15						
T312AN60	60	±20	12						
T312AN80	80	±15	16						
T312AN120	120	±10	23	±1	V, L	21	650x650x1300	355	F
T314AN45	45	±30	10						
T314AN60	60	±25	14						
T314AN80	80	±20	13						
T314AN120	120	±15	17						
T314AN185	185	±10	22	±1	V, L	21	650x650x1800	415	G
T315AN70	70	±30	14						
T315AN90	90	±25	18						
T315AN120	120	±20	23						
T315AN170	170	±15	24						
T315AN270	270	±10	36	±1	V, L	21	1100x650x1800	630	H
T316AN95	95	±30	12						
T316AN120	120	±25	13						
T316AN160	160	±20	17						
T316AN230	230	±15	17						
T316AN370	370	±10	22	±1	V, L	21	1100x650x1800	760	H
T318AN140	140	±30	14						
T318AN180	180	±25	16						
T318AN250	250	±20	21						
T318AN350	350	±15	23						
T318AN560	560	±10	27	±1	V, L	21	1100x900x1900	1160	I
T319AN200	200	±30	21						
T319AN270	270	±25	23						
T319AN370	370	±20	26						
T319AN500	500	±15	29	±1	V, L	21	1100x900x1900	1250	I
T319AN800	800	±10	32						

Fittings V: digital voltmeter  
L: pilot lamp

Note: models with different power, and/or different input range, and/or different output accuracy can be quoted on demand.  
IREM voltage stabilisers are designed to deliver the declared power permanently (24/7) under the worst operating conditions, i.e. at full load, at minimum input voltage and max input current and at the declared ambient temperature.

