

# TSE THYRISTOR POWER SUPPLY



Thyristor power supply

## Igel Elektronik GmbH

Industrieweg 13–15 | 48324 Sendenhorst

Germany

Fon: +49 (0) 25 26 93 89-0

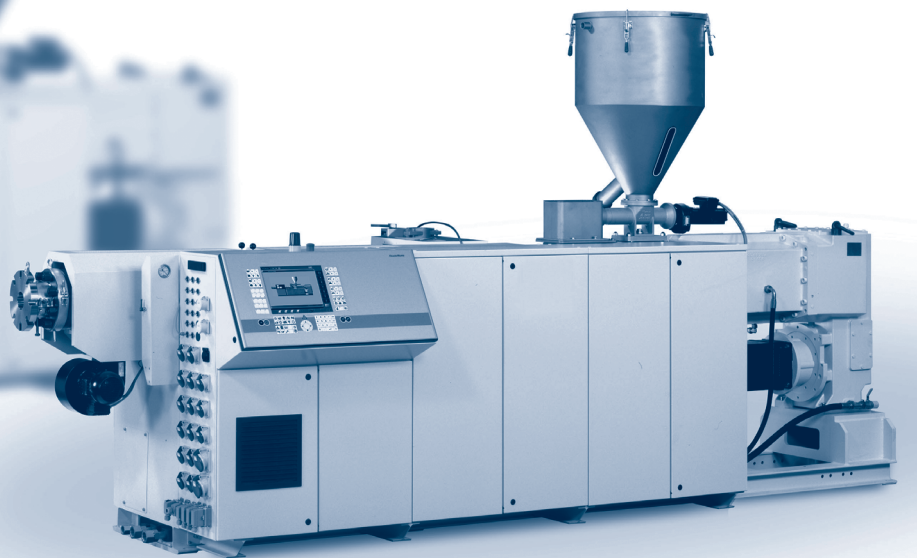
Fax: +49 (0) 25 26 93 89-22

E-Mail: [info@igelelektronik.de](mailto:info@igelelektronik.de)

[www.igelelektronik.de](http://www.igelelektronik.de)

[www.softstarter.eu](http://www.softstarter.eu)





## APPLICATIONS

- | Extruder
- | Pipe heating
- | Lightings
- | All kinds of furnances
- | Oil heating devices
- | Electric heating elements

Range 8 – 1500A and 220 – 1000V



## ADVANTAGES AT A GLANCE

The sophisticated digital thyristor power supply allows the stepless regulation of ohmic loads.

- | Analogue setpoint input
- | Complete programming and fault indication with LCD display
- | Integrated protection functions
- | Two control functions to minimise interferences
- | Steady power output also if one heating element is faulty.
- | Easy installation and easy operation

## PROTECTION FUNCTIONS

- | Under current and over current
- | Phases unbalance
- | Under voltage and over voltage
- | Phase loss
- | Ground fault
- | Over power and under power limit exceeded
- | External failure
- | Connection control

## FUNCTIONS

- | Digital parameter input
- | Master/Slave operation
- | Phase control or zero crossing (pulse)
- | Programmable output relay
- | Programmable set point input
- | Maintenance- free operation
- | Unlimited switching operations
- | RS 485-interface

## DISPLAYS (LED'S)

- | LEDs for quick status overview
- | LCD – 2 lines, 16 characters
- | Parameter input and fault output in full wording

TSE Type	FLC (A)	Dimensions (mm)			Weight (kg)
		W	H	D	
TSE 8	8	172	275	192	6,3
TSE 17	17	172	275	192	6,3
TSE 31	31	172	275	192	6,4
TSE 44	44	172	275	192	6,5
TSE 58	58	172	275	192	6,5
TSE 72	72	172	275	192	6,5
TSE 85	85	172	380	192	8,5
TSE 105	105	172	380	192	8,5
TSE 145	145	274	385	238	14,5
TSE 170	170	274	385	238	14,5
TSE 210	210	274	385	238	14,5
TSE 310	310	380	455	295	31
TSE 390	390	380	455	295	31
TSE 460	460	380	555	295	51
TSE 580	580	470	655	302	53
TSE 820	820	470	655	302	53
TSE 950	950	on request			
TSE 1100	1100	on request			
TSE 1500	1500	on request			