

**Electronic
DIN-rail
ETV**



ELEKTRA Temperature Controllers

The Electronic Temperature Controller ELEKTRA ETV is designed for heating systems, especially for floor and pipe electric heating. Produced in accordance with EN 60730-1 and EN 60730-2-9. It consists of the controller and an appropriate sensor dependent on the application.

This package contains:

Type ETV-1991

- ETV-1990 controller,
- temperature sensor with 3 m tail (ETF-144/99),
- instruction manual.

Type ETV-1999

- ETV-1990 controller,
- indoor air temperature sensor (ETF-944/99) or (optional) air temperature sensor in the hermetic cover (ETF-744/99),
- instruction manual.

> Technical data:

ETV-1990

Power supply:	230 V ~ 50/60 Hz
Max. load:	16A, 230 V ~ 50/60 Hz
Installation:	DIN-rail
Temperature range:	0°C ÷ +40°C
Setback temperature:	about 5°C
Control of setback temperature:	supply signal 230 V ~ 50/60 Hz
Difference/Hysteresis:	0.4K
Temperature controller protection:	IP 20
Signalization:	LED
Working temperature:	0°C ÷ +50°C
Dimensions (H x W x D):	86 x 36 x 58 mm
Modules:	2
Certificates:	GOST-R
Product mark:	CE

ETF-744/99

Installation:	surface mounting, outdoor
Protection:	IP 54
Dimensions (H x W x D):	64 x 50 x 34 mm
Working temperature:	-50°C ÷ +70°C

ETF-144/99

Installation:	floor or on pipe
Protection:	IP 67
Working temperature:	-20°C ÷ +70°C

ETF-944/99

Installation:	surface mounting, indoor
Protection:	IP 20
Dimensions (H x W x D):	80 x 80 x 16 mm
Working temperature:	-20°C ÷ +70°C



ETF-744/99



ETF-144/99



ETF-944/99

