

FROST PROTECTION THERMOSTATS

Frost protection thermostats are protective devices for preventing heating coils from freezing in the air handling units.

DIN housing

supply	24 Vac/dc, 2 VA
range	0...+100 °C = 0...10 V
contact output	230 Vac, 10 A res.
alarm contact output	60 Vdc, 1 A
input /output signal	0...10 Vdc, 10 mA
housing	IP20, for 35 mm DIN rail



TYPE	ART NO.	
JVA 24	1110110	forecasting, regulating; selectable sensor type (Pt1000, Ni1000-LG, PTC 1000/2000)
JVS 24	1110120	adjustable forecasting, regulating; selectable sensor type (Pt1000, Ni1000-LG, PTC 1000/2000)

FROST PROTECTION THERMOSTATS

Frost protection thermostats are protective devices for preventing heating coils from freezing in the air handling units.

11-pole relay housing

supply	24 Vac, 2 VA
range	0...+100 °C = 0...10 V, 10 mA
contact output, AR 1	230 Vac, 10 A
alarm contact output	60 Vdc, 1 A
input / output signal	0(2)...10 V, 10 mA
housing	IP20, 11-pole relay housing



TYPE	ART NO.	
EJV 24-PT	1110080	for Pt1000 sensor (1000 Ω / 0 °C), AR 1 relay included
JV 24-PT	1110090	for Pt1000 sensor (1000 Ω / 0 °C), contact output 50 Vac 6 A res.

FIRE ALARM THERMOSTAT

Fire alarm thermostat is a protective device monitoring duct temperatures in the air handling units.

DIN housing

supply	24 Vac/dc, 2 VA
range	0...+100 °C = 0...10 V
contact output	230 Vac, 10 A
alarm contact output	60 Vdc, 1 A
housing	IP20, for 35 mm DIN rail



TYPE	ART NO.	
PVA 24	1110180	selectable sensor type (Pt1000, Ni1000-LG, PTC 1000/2000)

ELECTRONIC THERMOSTATS

LK 24-PT is a thermostat with an external Pt1000 temperature sensor input.

°C

supply	24 Vac/dc, 2 VA
range	-30...+30 °C
input	sensor input, Pt1000 (1000 Ω / 0 °C)
output 1	change-over contact, 230 V, 5 A res., by using AR 1 relay, 230 Vac, 10 A
output 2	0...10 V = -30...+30 °C
housing	IP20, 11-pole relay housing



1

TYPE ART NO.

LK 24-PT 1120050 electronic thermostat, range -30...+30 °C

ELECTRONIC THERMOSTATS

LEK 24-PT is a temperature difference thermostat with two external Pt1000 temperature sensor inputs.

Δ °C

supply	24 Vac/dc, 2 VA
range	-30...+100 °C
difference setting	0...10 °C
hysteresis	0,2...5 °C
inputs	sensor inputs, Pt1000 (1000 Ω / 0 °C)
output	change-over contact 230 V, 5 A res., by using AR 1 relay, 230 Vac, 10 A
housing	IP20, 11-pole relay housing



TYPE ART NO.

LEK 24-PT 1120060 temperature difference thermostat

External Pt1000 temperature sensor, e.g. TEK PT 1000.

CAPILLARY THERMOSTATS

TF capillary thermostats are protective devices for preventing heating coils from freezing in the air handling units.

range	-10...+10 °C
accuracy	±1 °C
contact output	24...250 Vac, 15 (8) A
ambient temperature	max. 55 °C
ambient humidity	10...90 % rH
housing	IP65



TYPE ART NO.

TF 18 1240230 thermostat, capillary element length 1.8 m, automatic reset

TF 30 1240220 thermostat, capillary element length 3 m, automatic reset

TF 60 1240210 thermostat, capillary element length 6 m, automatic reset