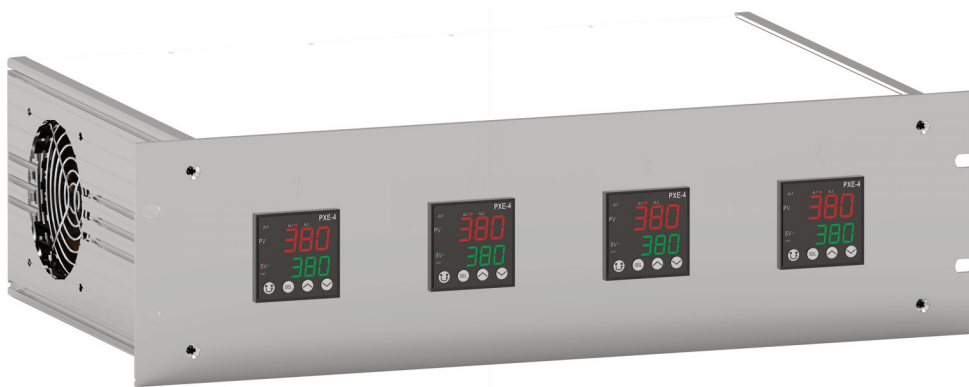




JTC-419 | JTC-419E

Multi Channel Temperature Controller



APPLICATION

- Independent heating circuits
- One status signal per control circuit
- For every temperature control applications
- Applicable with **JCT** Ex-heated sample lines

BENEFITS

- Integrated fuses per load circuit
- Long life time due to solid state relay
- Self-optimization(autotuning)
- Programmable status contacts
- Easy installation and set up
- High reliability
- Forced cooling unit for use up to 50 °C [122 °F] ambient temperature

FEATURES

- Plug & play
- Very high load capability
- Four-digits LED indication of set point and actual value
- One phase and multiple phase applications
- SSR with varistor protection output



TECHNICAL DATA

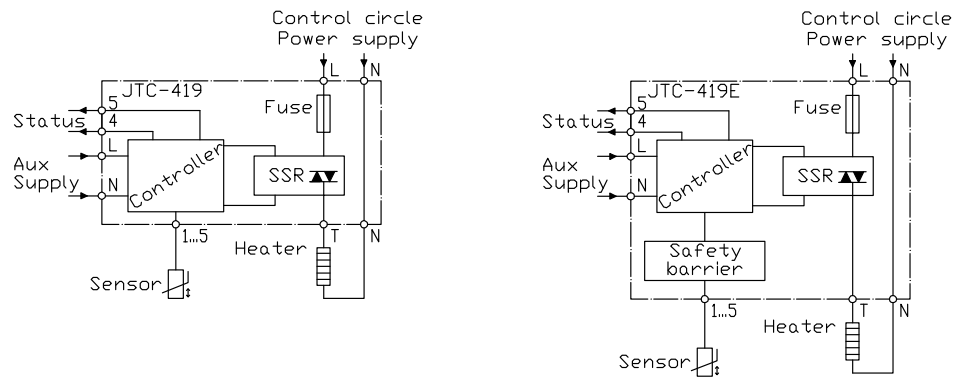
Model	JTC-419	JTC-419E
Description	19" multi channel temperature controller with SSR and separate load circuits	Pt100 RTD 19" multi channel temperature controller with SSR, separate load circuits and safety barriers for Ex heating applications

Operation	
Ambient temperature	-10 °C to +50 °C [14° to 122 °F]
Forced cooling	built-in fan
Mounting location	indoor, safe area

Construction	
Installation	19" rack mount
Housing material	aluminum
Protection class	IP20 (EN 60529)
Approvals	CE

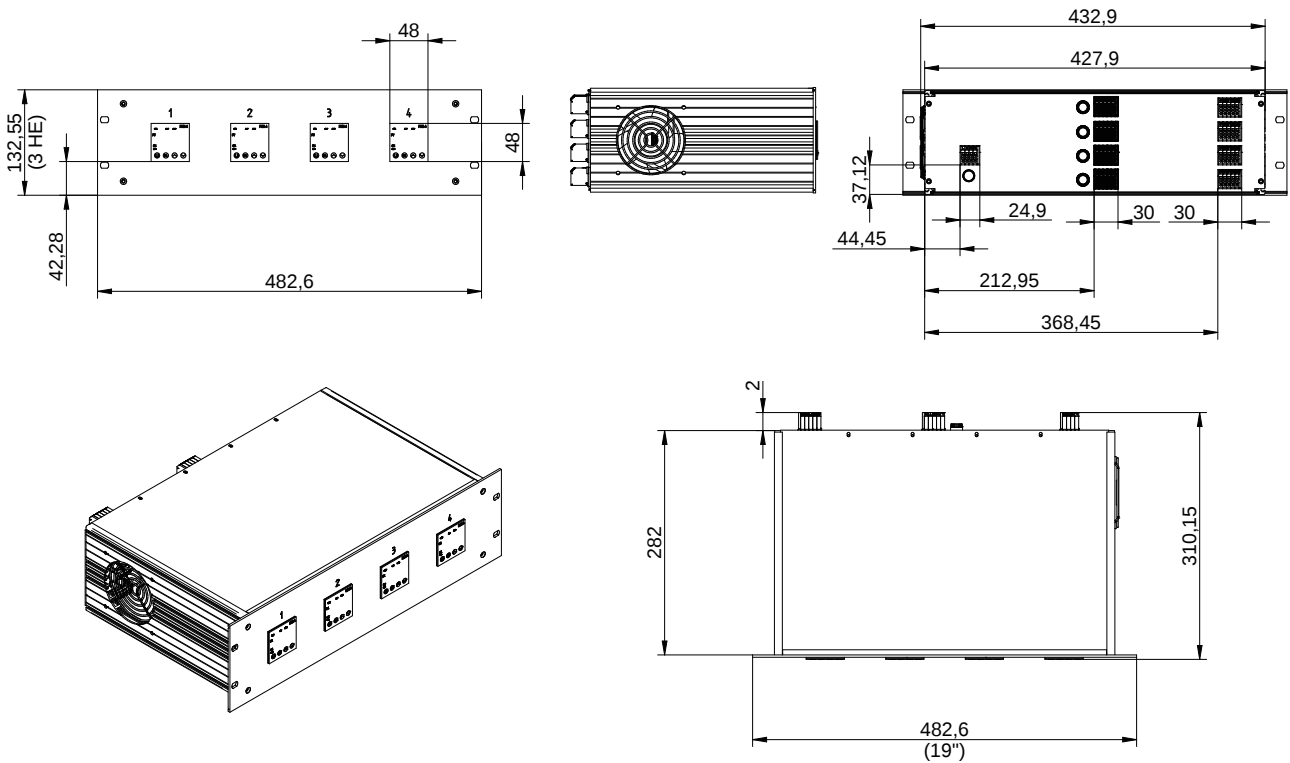
Electrics	
Power supply	115...240 VAC, 50/60 Hz +/-10 %
Load circuit	115...240 VAC, 50/60 Hz +/-10 %
Rated current per heater circuit	max. 32 A @ 23 °C tamb / max. 27 A @ 50 °C tamb
Relay contract outlet	1 x NO per heater circuit, max. 220 VAC / 30 VDC 1 A (at resistive load)
Sensor type	Pt100 2W RTD, Pt100 3W RTD (IEC 751) thermocouple -J, -K, -R, -B, -S, -T, -E, -N, -PL-II
Fusing	built-in appliance max. 32 A / 6.9 kW per heater circuit

BLOCK DIAGRAM



DIMENSIONS

dimensions in mm



ORDER CODES

Part No.	JTC-419	Part No.	JTC-419
89.90000	Pre-configuration of JPXE4 temperature controller	89.00142	triple (two load circuits)
89.00130	mono (one load circuit)	89.00143	quattro (two load circuits)
89.00131	dual (two load circuits)	89.00150	mono (one load circuit)
89.00132	triple (three load circuits)	89.00151	dual (two load circuits)
89.00133	quattro (four load circuits)	89.00152	triple (three load circuits)
89.00140	mono (one load circuit)	89.00153	quattro (two load circuits)
89.00141	dual (two load circuits)		