

BMS Alarm Contact Outdoor Thermostat

Description

BMS Alarm Contact Outdoor Thermostat for commercial heat tracing applications requiring reliable BMS monitoring. Features an IP67 weatherproof enclosure, precise temperature control, high/low temperature alarms, and volt-free alarm contact. Ideal for commercial buildings, industrial facilities, heat trace contractors, and building automation integrators.



Characteristics

Model	EPT-B01	EPT-B01-PT	EPT-B01-PT-RS485
Technical Parameters			
Input Voltage	230VAC±10%	230VAC±10%	230VAC±10%
Maximum Output Current	20A (250VAC)	20A (250VAC)	20A (250VAC)
Adjustable Temperature Range	-19.9°C~99.9°C : Precision : 0.1°C	-200°C~600°C : Precision : 0.1/1°C	-200°C~600°C : Precision : 0.1/1°C
High/ Low Temp Alarm Output	2A/230VAC (normally open contact)	2A/230VAC (normally open contact)	2A/230VAC (normally open contact)
Operating Ambient Temperature	-20°C~85°C	-20°C~60°C	-20°C~60°C
Temperature Sensor			
Cable length	1.5m	1.5m	1.5m
Specification parameter	NTC R25=10K±1% B25/50=3435±1%	PT100/PT1000	PT100/PT1000
Application			
Working mode	Heating/Cooling	Heating/Cooling	Heating
Modbus Communication	N/A	N/A	RS485
Enclosure (Other sizes/materials can be customized upon request.)			
Dimensions	170X120X100mm		
Base Material	Gray ABS		
Top Cover Material	Transparent PC		
Protection	IP67		
Cable Entry Holes	1 x M16 (Cable diameter 4~8 mm) for NTC sensor 1 x M20 (Cable diameter 6~12 mm) for power input cable 1 x M20 (Cable diameter 6~12 mm) for heating cables 1 x M20 (Cable diameter 6~12 mm) for high and low temperature alarm output		