


Type HT-ExBR



Electronic controller-limiter combination for use in explosion hazard areas

The electronic Ex-controller is a combination of controller and limiter. The settings of the controller parameters are adjustable via precision Potentiometers. The combination of controller and limiter allows easy and space-saving operation of an electrical tracer heater or a heating hose in explosion hazard areas.

- Compact design
- 16 A switching power
- Protection type IP65 / 230 V
- Min. temperature monitoring
- Fault signal lamp

Ambient temperature	-20 to +40 °C
Temperature class	T4
Marking	 II 2G Ex e mb d II C T4
Approvals	ISSeP 08 ATEX 022X
Control ranges	Controller: 0..200 °C Limiter: 0..200 °C

Voltage	230 V AC 50-60 Hz
Current	16 A / 3680 W
Switching point accuracy	≤ 1,5 %
Switching hysteresis	≤ 3 K
Protection type	IP65
Sensor connection	2 x EX-PT100
Housing dimension L x W x H (mm)	260 x 160 x 90
M25/M16 screw connections	3/2
Terminal cross section (mm ²)	4
Error message	fault signal lamp
Alarm connector	Relais 5A
Option EX-PT100	HBR-IRPT100EX