

ATEX HAZARDOUS-AREA DIGITAL CONTROLLER WITH LIMITER

Features & Benefits

- ▶ 2 RTD sensor connections (control and limit)
- ▶ Sensor break and short circuit signal indicators
- ▶ LED indicator lights
- ▶ Clear glass window for easy viewing

Explosion protection marking

- ATEX certified for hazardous areas
- Controller and limiter in one enclosure
- Robust aluminum enclosure with mounting plate and hardware
- Dual 3-digit displays for controller and limiter
- Adjustable energy limiter for low resistance elements

Explosion protection marking

Gas  II 2G Ex e mb IIC T3 Gb

Dust  II 2D Ex e mb IIIC T120°C Db
-40°C ≤ Ta ≤ +60°C (ambient temperature)

EC-type examination certificate

TÜV 10 ATEX 556065

Specifications

Voltage: 195–253 (230 nominal) VAC, 50–60 Hz

Maximum Amp Load: 25 amps

Temperature Control Range: 32°F to 842°F (0°C to 450°C)

Temperature Display Units: °C

Sensor Input: PT100-RTD (2 or 3-wire) terminals

Limit Switching Point: 3.6°F (2°C) below setpoint temperature

Hysteresis: 2°

Alarms: LED indicators with dry contacts

External Protection: 25 amp circuit breaker

Input and Output Power Connections: Strain relief cable glands included

Temperature Protection: Reversible temperature switch for enclosure

IP Rating: IP64

Environmental Exposures:

Operating range: -4°F to 104°F (-20°C to 40°C) Enclosure

Enclosure Dimensions: 10.2 in x 6.3 in x 5.3 in
(260 mm x 160 mm x 135 mm)

Weight: 13 lbs (6 kg)

NEW!



Applications

- Viscosity control
- Freeze protection
- Temperature maintenance
- Process heating and melting

Ordering Information

Part No.	Nominal Voltage	Sensor Input	Temperature Range	Maximum Amps
WEXRBL25-230ZESBH	230 VAC	PT100 RTD	32°F to 842°F (0°C to 450°C)	25



Required for use with all BriskHeat ATEX certified Gas Cylinder Warmers, IBC Heaters, and Full Coverage Drum Heaters. See options starting on page 134.