

# Explosion-Proof Electric Actuator with Overload Protection

This explosion-proof electric actuator features thermal overload protection and a PTC overheating protector. It is designed for reliable and safe operation in hazardous environments and precise valve automation.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Explosion-Proof Actuator

This electric actuator is precision-engineered for reliable operation in hazardous environments where explosive gases are present. It features an integrated PTC overheat protector and thermal switches to ensure external surface temperatures remain within strict safety thresholds. Built with a rugged, fully enclosed motor and self-locking all-metal gear train, it provides robust automation for critical valve control applications.

## Technical Metrics

### Operational Performance

**400 Nm**  
Max Torque

**90 degree**  
Turning Angle

**9.5 kg**  
Total Weight

## Electrical Specifications

### Power Compatibility

Voltage	Power	Rated Current
DC24V	70W	7.80A
AC110V	90W	1.12A
AC220V	40W	0.29A
AC380V	90W	0.64A

## Safety & Compliance

Explosion-Proof Rating

ExaBT4Gb

Industry Standards

ATEX, CE, RoHS 3.0, SIL 3, CSA, UL

Ingress Protection

IP67

## Environmental Requirements

Operating Temperature Range

-20 to +60