

# Swing-Check ESVs for Bulk Plants with Electric Actuator EA6010, EA6016 and EA 6024

## Application

Designed for installation in liquid transfer lines at LP-Gas or Anhydrous Ammonia bulk plants to provide for quick shut-off of liquid or vapor flow in the event of an accidental pull-away, line break, or hose rupture.

## Features

- Fusible Element is located in the thermal fuse assembly which acts at the latch open and close trigger. When exposed to fire, the element melts at 212 degrees F. allowing the shaft to return to the closed position.
- The EA6010, EA6016 and EA6024 provide a convenient means of electrically opening and closing the valve from a remote location.
- Seat Disc is retained by a metal seat to minimize leakage in case of direct fire impingement.
- Quick closing regardless if the pump is running or not.
- CSA/UL rated Explosion Proof Enclosure on the actuator.
- Class I, Div 1 Groups B, C, D, / T6
- 12-24VDC
- ESVs and Electric Actuators are UL Listed

## Sturdy Rugged Construction

- Will withstand hydraulic shock of sudden closings, piping strains, and temperature variations.
- Valve has only two moving parts, stem and close/thermal trigger.
- EA6016 is UL listed for use in LP-Gas as an emergency and operating shut-off valve.
- Stem seals are spring loaded for leak free performance at low temperatures/pressures.

## Materials

Body ..... Ductile Iron Cad Plated  
 Stem ..... Stainless Steel  
 Seat ..... Stainless Steel  
 Seat Disc (EA6010/16/24)..... Nitrile  
 Springs ..... Stainless Steel  
 Stem Seals ..... Teflon



## Ordering Information

Part Number	Seat*	Inlet and Outlet Connections	Voltages	Liquid Flow Capacity at 10 PSIG Drop (GPM)	
				LP-Gas	NH <sub>3</sub>
EA6010	Buna-N	1½" F.NPT	12/24 VDC	259	233
EA6016		2" F.NPT		711	640
EA6024		3" F.NPT		1325	1173

\* Viton seat available on request.