ISO 9001 REGISTERED

GLOBE TECHNOLOGIES CORPORATION

Your **LINK** to quality and dependability

Globe Technologies Corporation

- Fusible Links
- Fusible Plugs
- Thermal Release Mechanisms

When it comes to safety, accept no substitute.

About Globe Technologies

Globe Technologies is a premiere manufacturer and distributor of high quality fusible links and release mechanisms. For three generations we've provided excellent service and commitment to a diverse customer base.

Globe Technologies ensures that our pricing, quality, and delivery is competitive. We operate our own 20,000 square foot stamping and production facilities. Our design and research personnel develop and solve many special application problems for our customers. Most importantly, everyone at Globe Technologies is dedicated to serving our clients and solving their unique problems.

To Our Customers

Our job is to help you. If you don't understand something or if you need help with your product development needs for fire protection, let us know! We're always willing to listen and guide you through the options. You can turn to us with confidence.

Our products are tested and/or approved by Underwriters Laboratories and/or Factory Mutual Research. They conform to the highest quality standards.

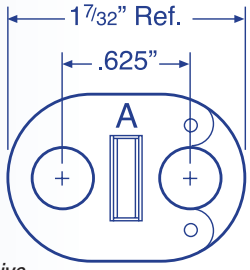
We cater to master distributors or original equipment manufacturers so we're accustom to adjusting for your needs. This can mean large volumes of products or an unusually fast turn around time. Whatever your special needs are, Globe Technologies will strive to meet them!

Made in USA

MODEL A (UL)

- Mechanical heat activated device
- Maximum load = 45 lbs. (20.41 kg.)
- Minimum load = 3 lbs. (1.36 kg.)
- 1/4" or 5/16" mounting hole diameter
- Corrosion resistant construction
- Brass components
- High-strength symmetrical shape

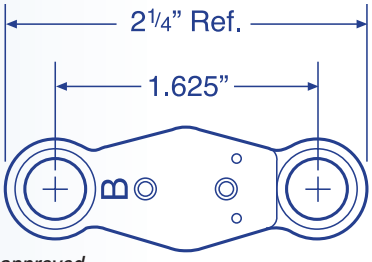
450° F is rated for loads 10-45 pounds, inclusive



MODEL B (UL) (FM)

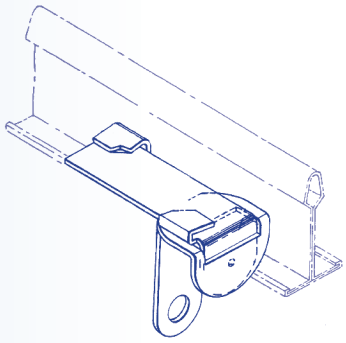
- Mechanical heat activated device
- Maximum load = 20 lbs. (9.07 kg.)
- Minimum load = 3 lbs. (1.36 kg.)
- 3/8" mounting hole diameter
- Corrosion resistant construction
- Bronze components – plated
- ver 50 years of proven reliability

The 135° F is not Factory Mutual (FM) approved.
For Factory Mutual (FM) approved applications, refer to FM Approval Guide for proper use of the Model "B" Fusible Link



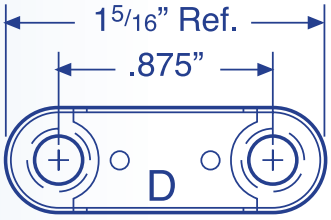
MODEL CS (UL)

- Mechanical heat activated device
- Maximum load = 4 lbs. (1.81 kg.)
- Minimum load = 1 lbs. (0.45 kg.)
- Corrosion resistant construction
- Brass components



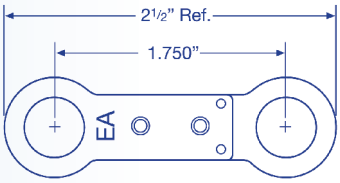
MODEL D (UL)

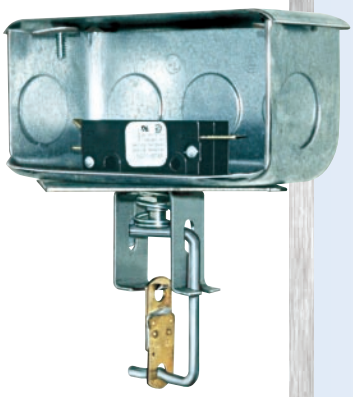
- Mechanical heat activated device
- Maximum load = 8 lbs. (3.63 kg.)
- Minimum load = 1 lbs. (0.45 kg.)
- 13/64" mounting hole diameter
- Corrosion resistant construction
- Brass components



MODEL EA (UL)

- Mechanical heat activated device
- Maximum load = 25 lbs. (11.34kg)
- Minimum load = 5 lbs. (2.268kg)
- 0.45" (29/64") mounting holes
- Available in 135°, 155°, 165° and 212°



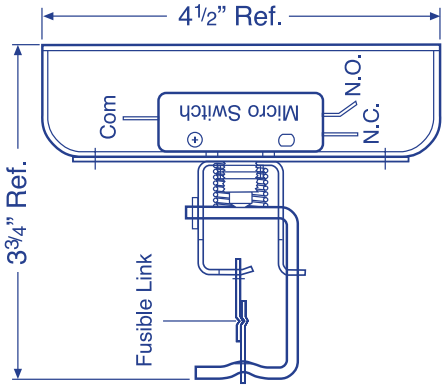


MODEL EFL

Fire Operation:

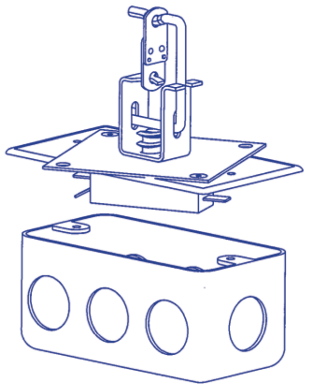
- Uses Model J Fusible Link, a quick response standard fusible link
- More consistent release temps. compared to resetable bi-metal product
- No external load on link, regardless of fire/smoke damper size
- Faster response time by positioning fusible link in air-flow
- Load applied on fusible link is part of EFL assembly

Smoke Operation: EFL uses a S.P.D.T. switch for wiring a smoke detector. Upon smoke detector activation, the switch bypasses the fusible link and closes the damper, and remains closed until smoke signal stops.



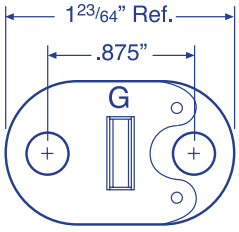
MODEL EFL-M

- A thermal actuated safety switch used to shut off hydraulic equipment, flammable liquid pumps by securing power to controller through an electrical shut off switch
- Uses a UL listed fusible link as the thermal actuating device
- Shuts down the 120 volt power supply feeding the controller on hydraulic equipment upon activations of the fusible link due to temperature rise reaching the melting temperature of the link
- Can be wired as part of the equipment control circuit wiring or in series with the equipment power supply provided the power supply does not exceed the micro switch rating
- EFL-M micro switch is rated for 20 Amps, 1 1/2 HP 120 VAC



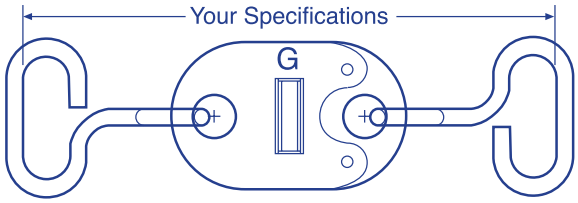
MODEL G

- Designed for the Fire Damper Industry
- Maximum load = 45 lbs. (20.41 kg.)
- Minimum load = 3 lbs. (1.36 kg.)
- 1/4" or 5/16" mounting hole diameter
- Corrosion resistant construction
- Brass components
- High-strength symmetrical shape
- Available in 155°, 165°, 212°, 280° and 350°



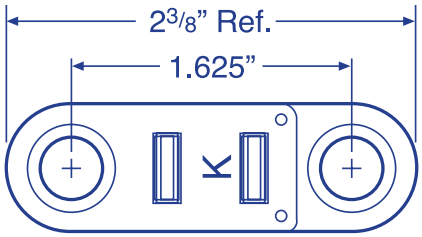
MODEL GS

- Designed for the Fire Damper Industry
- Variable length with addition of clover hooks
- Standard sizes: 2.75", 3.16" and 3.75"
- High-strength symmetrical shape
- Maximum load = 45 lbs. (20.41 kg.)
- Minimum load = 3 lbs. (1.36 kg.)
- Available in 155°, 165°, 212°, 280° and 350°



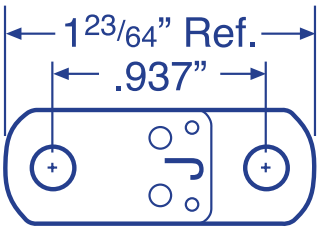
MODEL K

- Mechanical heat activated device
- Maximum Load = 50 lbs. (22.68 kg.)
- Minimum Load = 3 lbs. (1.36 kg.)
- 3/8" mounting hole diameter
- Corrosion resistant construction
- Bronze components
- Broad load range



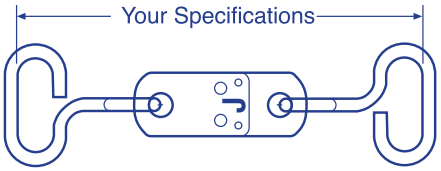
MODEL J

- Mechanical heat activated device
- Maximum load = 10 lbs. (4.5 kg.)
- Minimum load = 3 lbs. (1.36 kg.)
- 3/16" or 1/4" mounting hole diameter
- Corrosion resistant construction
- Brass components
- High-strength symmetrical shape



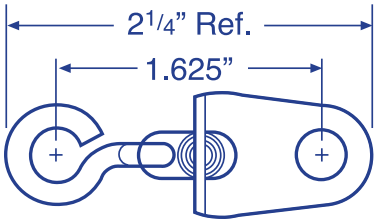
MODEL JS

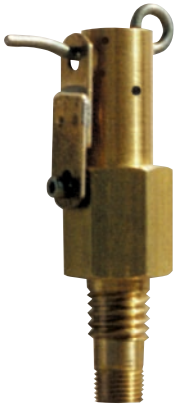
- Specially designed for standard fire dampers
- Uses Model J Fusible Link as thermal activator
- Maximum load = 10 lbs. (4.5 kg.)
- Minimum load = 3 lbs. (1.36 kg.)
- Variable length with addition of clover hooks
- Standard sizes: 2.75", 3.16" and 3.75"
- Corrosion resistant construction
- Brass components
- High-strength symmetrical shape



MODEL ML®

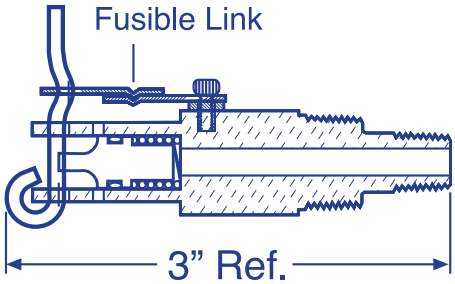
- Mechanical heat activated device
- Maximum load = 40 lbs. (18.14 kg.)
- Minimum load = 10 lbs. (4.54 kg.)
- 21/64" mounting hole diameter
- Corrosion resistant construction
- Stainless steel components
- Flexible eye hook connection





MODEL PFV

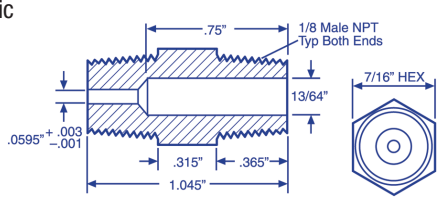
- Designed for pneumatic actuated fire/smoke dampers
- Uses our Model J Fusible Link as thermal actuating device
- 1/2-13 UNC threads for ease of mounting to damper walls
- 1/8 NPT male pipe threads for ease of connection to air lines
- Corrosion resistant construction
- Comes to you ready to install
- Rigid assembly



PFV Flow Restrictor

For pneumatic applications such as Fire/Smoke Dampers with pneumatic actuators where control of air flow to the actuator is required.

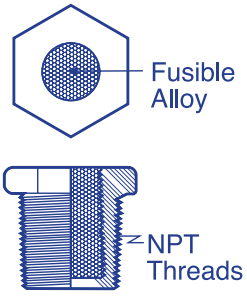
- Hex nipple
- Body and orifice - free machining brass or stainless steel
- Threads – 1/8" National Pipe Thread (NPT)
- Standard orifice size – 0.059" (Customs and variations are available)



Fusible Plug

Fusible Plugs are thermally operated non-reclosing pressure relief devices to function by the yielding or melting of the fusible alloy

- Corrosion resistant construction and available in brass or stainless steel
- Fusible Plugs are limited to be used in applications where the service pressure does not exceed 500 psig (3,440 kPa)
- Fusible Plugs do not protect against overpressure from improper charging practices
- Underwriters Laboratories listed as Fusible Plugs, Refrigerant



Globe recommends where Fusible Plugs are installed in an atmosphere which can cause stress/strains or corrosion of surfaces, the plugs be examined annually and replaced if evidence of corrosion or stress/strain is evident.

Custom Fusible Links

There are two aspects in solving any problem: the product and the price! Globe Technologies welcomes the challenge of creating innovative solutions for you.

Our trained consultants will guide you through choosing the right link for your situation. Sometimes you'll need a specialized link to operate in conjunction with your current equipment. Other times you'll need a stand alone link. We'll help you in the development process to ensure the end product meets your needs and expectations.

Globe Technologies has an unparalleled success rate with meeting the needs of special use customers! We pride ourselves on providing you with the total solution to your problems.

Fusible Link Caution

Read Carefully

Globe fusible links are manufactured and tested in accordance with applicable standards of Underwriters Laboratories, Inc., and/or Factory Mutual Research Corporation.

Any alteration to this product after it leaves the factory or exposure of the links to temperatures or loads exceeding those indicated below will void and nullify any written or implied warranty. Cleaning chemicals must not be applied on fusible links during exhaust systems cleaning or scheduled maintenance. Fusible Links must be covered and cleaned with wet cloth.

Important Precautions

Globe links are designed for straight pull load applications. Do not use these links in applications involving radial or twisting loads. Store in a cool dry area. Do not subject links to loads exceeding those indicated. Do not install links where temperatures exceed those indicated above. Do not paint or coat fuse links as this may prevent operation.

NFPA Bulletins 96,17 & 17A mandates replacement of fusible links at least semi-annually or more frequently if necessary to ensure proper operation of the system. For applications outside of these Bulletins, Globe Technologies recommends that, where fusible links are installed in atmospheres which can cause stress/strains or corrosion of surfaces, the fusible links be examined and replaced at least annually if signs of corrosion or stress/strain are evident.

TEMPERATURE RATING		MAXIMUM AMBIENT TEMP.*	
°F	°C	°F	°C
135°	57°	100°	38°
155°	68°	100°	38°
165°	74°	100°	38°
200°	93°	150°	66°
212°	100°	150°	66°
280°	138°	225°	107°
350°	177°	300°	149°
360°	182°	300°	149°
450°	232°	375°	191°
500°	260°	475°	246°

*If the fire suppression system manufacturer specifies different maximum ambient temperatures, the most stringent requirement should be followed.

Temperature Rating Tables

TEMP. RATING		MODEL/PART NUMBER																	
°F	°C	A	B	CS	D	EA	EFL	EFL-M	G	GS 2.75	GS 3.16	GS 3.75	J	JS 2.75	JS 3.16	JS 3.75	K	ML®	PFV
135°	57°	312135	302813	324000		380135	327135						317135	321135	*320135	321136	314135	323000	325135
155°	68°					380155	327155		315155	341155	340155	342155	317155	321155	320155	321156			325155
165°	74°	312165	302800		302850	380165	327165	327165M	315165	341165	340165	342165	317165	321165	320165	321166	314165	323010	325165
200°	93°				302854														
212°	100°	312212	302804			380212	327212	327212M	315212	341212	340212	342212	317212	321222	320212	321212	314212	323011	325212
280°	138°	312280	302807				327280	327280M	315280	341280	340280	342280	317280	321281	320280	321280	314280	323012	325280
350°	177°								315350	341350	340350	342350							325350
360°	182°	312360	302810														314360	323013	
450°	232°	312450															314450	323014	
500°	260°																	323015	

*This part number is for the 3.16" only, please call for part numbers on the 2.75" and 3.75".

TEMP. RATING		MODEL/PART NUMBER				MAXIMUM EXPOSURE TEMP.
		FUSIBLE PLUGS				
°F	°C	1/8" NPT	1/4" NPT	3/8" NPT	1/2" NPT	
165°	74°	350165 Brass/Tin Plating	370018 Brass	360015 Brass	370015 Brass	100° F
		350165 Brass	370010 303SS	360010 303SS	370014 303SS	
			316SS Call for part number	360010 316 - 316SS	370111 316SS	
212°	100°	350212 Brass/Tin Plating	370019 Brass	360011 Brass	370013 Brass	150° F
		350212 Brass	370017 303SS	360012 303SS	370012 303SS	
			370017 316 - 316SS	316SS Call for part number	370112 316SS	
281°	138°	350281 Brass/Tin Plating	370011 Brass	360013 Brass	370021 Brass	225° F
		350281 Brass	370016 303SS	360014 303SS	370022 303SS	
			370122 316SS	316SS Call for part number	370123 316SS	
360°	182°	350360 Brass/Tin Plating	370023 Brass	360025 Brass	370027 Brass	300° F
		350360 Brass	370024 303SS	360026 303SS	370028 303SS	
			316SS Call for part number	316SS Call for part number	316SS Call for part number	
450°	232°	Call for Part Number	370029 Brass	360031 Brass	370033 Brass	375° F
			370030 303SS	360032 303SS	370034 303SS	
			316SS Call for part number	316SS Call for part number	316SS Call for part number	

Other temperatures available upon request.

Warranty

GLOBE TECHNOLOGIES warrants that our products are free from defects as to workmanship and materials, when used in accordance with their approval listings and the restrictions and cautions that apply. Our obligation under this warranty shall be limited to replacing, at our plant, any parts thereof which shall, within one year after delivery to the ORIGINAL PURCHASER, be demonstrated to be defective. In order to accomplish the demonstration of defectiveness, the parts claimed to be defective must be sent by the original purchaser to GLOBE TECHNOLOGIES, P.O. BOX 1070, STANDISH MI 48658-1070. Globe shall not be liable under any terms of this warranty if the defective part is not submitted to Globe for inspection. This warranty does not extend to consequential damages of any nature. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS. No person, firm or corporation is authorized to assume for us any other liability in connection with the sale of our products.

GLOBE TECHNOLOGIES CORPORATION

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Made in USA

UL REGISTERED FIRM DQS Inc. BR#10001339

Globe Technologies Corporation

"Our facility has been registered by DQS Management Systems/ *Underwriters Laboratories Management Systems Solutions to the International Organization for Standardization ISO 9001:2015 for quality."*