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# KAZ and MIS 13/32" x 2" 600Vac KAZ actuator and MIS non time-delay pin indicating supplemental fuses



KAZ Actuator



MIS Fuse 600Vac 1 to 12A

### Catalog symbol / color code:

- KAZ
  - Black (600Vac max actuator - not a fuse)
- MIS
  - Black (600Vac max 1 to 12A)

### Description:

KAZ is a non-fuse actuator (not a fuse) for use in parallel with a 50 amp or greater fuse to provide indication a fuse has opened by opening at 10 or more amps. The KAZ can also be applied in a 1-, 2- or 3-pole block with miniature signaling switches to provide remote status indication.

MIS fuses are non time-delay pin indicating supplemental fuses used to provide a visual indication of an open fuse condition.

### Specification:

#### Ratings

Fuse amp range	Interrupting rating at rated voltage	Agency information	
	600Vac	UL®	CSA®
MIS 1 to 12	200kA	-	-
KAZ* N/A	200kA	X	-

\* KAZ is not a fuse.

#### KAZ Agency information

- CE
- UL Listed, Guide JDVS, File E58836

#### KAZ Catalog number (not a fuse)

KAZ

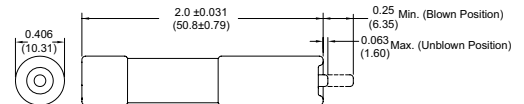
#### MIS Catalog numbers (amps)

MIS-1	MIS-3	MIS-5	MIS-10
MIS-2	MIS-4	MIS-8	MIS-12

#### MIS Electrical characteristics

Fuse amps	% of amp rating	Opening time
All	110%	4 hours minimum
1-5A	150%	6 minutes max
6-12A	150%	12 minutes max

### Dimensions - in (mm):



### Features:

#### KAZ (not a fuse)

- Connects in parallel with fuses having a rating of 50 amps or more
- Opens at 10A or more
- Use with Bussmann series signal blocks to actuate a miniature switch that closes a signal circuit when the KAZ pin indicator ejects upon opening
- Gives a direct visual indication of an open fuse by the ejected, spring actuated pin
- UL Listed as "fuse accessory"
- Mounts in Bussman series signal blocks 2778 (1-pole), 2837 (2-pole) and 2838 (3-pole)

#### MIS (non time-delay fuse)

- Gives a direct visual indication of an open fuse by the ejected, spring actuated pin
- Can be used in circuits of 600Vac or less
- 200kA Interrupting rating

### Typical applications

#### KAZ

- Large shunt-trip fused switches
- Fuse-protected circuits rated 50 amps or more with shunt-trip devices

#### MIS

- 480V Control circuits
- PLC Circuits

### Recommended fuse blocks / fuseclips:

Catalog No.	Description	Data sheet No.
2778	1-pole block (KAZ Only)	*
2837**	2-pole block (KAZ Only)	*
2838**	3-pole block (KAZ Only)	*
1A3400, 5956 and 5960	PCB fuseclips	2132

\* See next page for details.

\*\*Includes fuseclips to hold spare KAZ.

**Fuse block with miniature signaling switches for KAZ only**

Voltage

- 600V

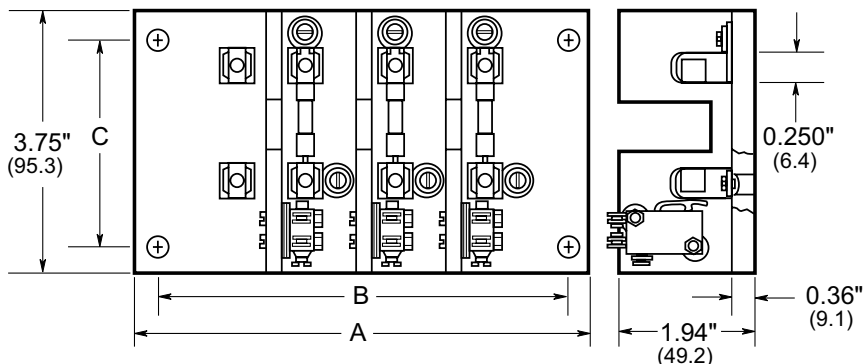
Agency information

- UL Recognized, Guide QEUY2, File E61918

**Dimensions ± 1/31" (0.8mm)**

Cat. No.	Poles	Inches/(mm's)			Mounting data		
		A	B	C	Hole	C'Bore	Screw
2778	1	1.75 (44.5)	—	2.5 (63.5)	1.73	0.328	#8
2837*	2	5.31 (134.9)	4.81 (122.2)	3 (76.2)	0.250	—	#12
2838*	3	6.63 (168.3)	6.125 (155.6)	3 (76.2)			

\* Includes fuseclips to hold spare KAZ.



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