

# A2D-R & A6D-R Reducer Fuses

Time Delay/Class RK1

UL/CSA LISTED POWER FUSES

DECREASE YOUR CURRENT RATING  
WITHOUT USING A FUSE REDUCER



The A2D-R and A6D-R Reducer Fuses are a safe, permanent solution for decreasing your current rating without using a Fuse Reducer accessory, which is designed for temporary use only. These special purpose UL Listed reduced rating Class RK1 fuses provide the same trusted protection levels as a traditional A2D-R and A6D-R Class RK1 fuses, but in a larger body.

## FEATURES/BENEFITS:

- Replaces traditional temporary-use only Fuse Reducer accessories
- Time-delay for motor starting and transformer inrush currents without nuisance opening
- 600VAC & 600VDC dual rated
- 300kA interrupting rating - self-certified, UL witnessed tests
- Extremely current-limiting for low peak let-thru current
- Recommended for Arc Flash energy reduction
- Easy 2-to-1 selectivity for prevention of nuisance shut downs and “black outs”
- Rejection-style design prevents replacement errors (when used with recommended fuse blocks)
- High-visibility orange label gives instant brand recognition
- Reduced inventory by taking the place of lower-rated Class RK1 fuses and associated Fuse Reducer accessories
- Metal-embossed date and catalog number for easier traceability and lasting identification
- Fiberglass body provides dimensional stability in harsh industrial settings

## RATINGS:

### A2D-R

**Volts:** 250VAC/DC

**Amps:** 110 to 200A (in 400A body);  
225 to 400A (in 600A body)

**IR:** 200kA I.R. AC,  
100kA I.R. DC

### A6D-R

**Volts:** 600VAC/DC

**Amps:** 110 to 200A (in 400A body),  
225 to 400A (in 600A body)

**IR:** 200kA I.R. AC, 100kA I.R. DC  
(Self-certified for 300kA I.R., UL witnessed.)

## APPLICATIONS:

- Motors
- Safety switches
- Transformers
- Branch circuit protection
- Disconnects
- Control panels
- All general-purpose circuits

*Note: See motor fuse applications tables in section AP*

## APPROVALS:

- UL listed to standard 248-12
- DC listed to UL standard 248
- CSA certified to standard C22.2 No. 248.12



CATALOG NUMBERS (AMPS)

250V	600V	Amp Rating	Body Size
A2D110/400R	A6D110/400R	110A	400A
A2D125/400R	A6D125/400R	125A	
A2D150/400R	A6D150/400R	150A	
A2D175/400R	A6D175/400R	175A	
A2D200/400R	A6D200/400R	200A	
A2D225/600R	A6D225/600R	225A	600A
A2D250/600R	A6D250/600R	250A	
A2D300/600R	A6D300/600R	300A	
A2D350/600R	A6D350/600R	350A	
A2D400/600R	A6D400/600R	400A	

RECOMMENDED  
FUSE BLOCKS WITH  
BOX CONNECTORS FOR  
AMP-TRAP® CLASS RK1  
FUSES

Fuse Ampere Rating	Catalog Number			
	250V		600V	
	1 Pole	3 Pole	1 Pole	3 Pole
110-200	24001R	24003R	64001R	64003R
225-400	2631R	2633R	6631R	6633R

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

DIMENSIONS

Ampere Rating	A		B		C		D		E	
	In	mm	In	mm	In	mm	In	mm	In	mm
<b>250V-A2D</b>										
110/400-200/400	7-1/8	181	1-9/16	40	3/16	5	1-1/8	28	1-3/8	35
225/600-400/600	8-5/8	219	2-1/16	53	1/4	6	1-5/8	41	1-7/8	48
<b>600V-A6D</b>										
110/400-200/400	9-5/8	244	1-13/16	46	3/16	5	1-1/8	28	1-3/8	35
225/600-400/600	11-5/8	295	2-9/16	66	1/4	6	1-5/8	41	1-7/8	48

