

A2D-R & A6D-R

Time Delay/Class RK1

UL/CSA LISTED POWER FUSES

UPGRADE YESTERDAY'S CIRCUITS TO TODAY'S TYPE 2 PROTECTION



The Amp-Trap 2000® A2D-R and A6D-R fuses provide IEC Type 2 No Damage protection to main, feeder, and branch circuits for all types of loads. With time-delay characteristics for handling harmless inrush currents, current limiting ability and a wide range of ratings (from 1 to 600 Amperes), A2D-R and A6D-R fuses give excellent protection for all your applications.

FEATURES/BENEFITS

- Non-indicating or solid state SmartSpot® visual blown fuse indicator
- Time delay for motor starting and transformer inrush currents without nuisance opening
- 600VAC and 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 blackouts
- 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 class RK5, K, and H fuses
- 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:** 1/10 to 600A (AC), 15 to 600A (DC)
- **I.R.:** 200kA I.R. AC, 100kA I.R. DC

A6D-R

- **Volts:** 600VAC/DC
- **Amps:** 1/10 to 600A
- **I.R.:** 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 on page P7

APPROVALS/STANDARDS

- UL listed to standard 248-12 File E2137
- DC listed to UL standard 248
- CSA certified to standard C22.2 No. 248.12



CATALOG NUMBERS (AMPS)

1-7A: Non-indicating only; SmartSpot® visual indicator not available. No 'N' suffix is needed.			8-600A: Non-indicating and SmartSpot versions available					
For non-indicating, add suffix 'N' to catalog number. Ex.: A2D30R (indicating); A2D30RN (non-indicating)								
250V								
A2D1/10R	A2D1-4/10R	A2D4-1/2R	A2D8R	A2D45R	A2D175R			
A2D15/100R	A2D1-6/10R	A2D5R	A2D9R	A2D50R	A2D200R			
A2D2/10R	A2D1-8/10R	A2D5-6/10R	A2D10R	A2D60R	A2D225R			
A2D3/10R	A2D2R	A2D6R	A2D12R	A2D70R	A2D250R			
A2D4/10R	A2D2-1/4R	A2D6-1/4R	A2D15R	A2D75R	A2D300R			
A2D1/2R	A2D2-1/2R	A2D7R	A2D17-1/2R	A2D80R	A2D350R			
A2D6/10R	A2D2-8/10R		A2D20R	A2D90R	A2D400R			
A2D8/10R	A2D3R		A2D25R	A2D100R	A2D450R			
A2D1R	A2D3-2/10R		A2D30R	A2D110R	A2D500R			
A2D1-1/8R	A2D3-1/2R		A2D35R	A2D125R	A2D600R			
A2D1-1/4R	A2D4R		A2D40R	A2D150R				
600V								
A6D1/10R	A6D1-4/10R	A6D4-1/2R	A6D8R	A6D45R	A6D175R			
A6D15/100R	A6D1-6/10R	A6D5R	A6D9R	A6D50R	A6D200R			
A6D2/10R	A6D1-8/10R	A6D5-6/10R	A6D10R	A6D60R	A6D225R			
A6D3/10R	A6D2R	A6D6R	A6D12R	A6D70R	A6D250R			
A6D4/10R	A6D2-1/4R	A6D6-1/4R	A6D15R	-	A6D300R			
A6D1/2R	A6D2-1/2R	A6D7R	A6D17-1/2R	A6D80R	A6D350R			
A6D6/10R	A6D2-8/10R		A6D20R	A6D90R	A6D400R			
A6D8/10R	A6D3R		A6D25R	A6D100R	A6D450R			
A6D1R	A6D3-2/10R		A6D30R	A6D110R	A6D500R			
A6D1-1/8R	A6D3-1/2R		A6D35R	A6D125R	A6D600R			
A6D1-1/4R	A6D4R		A6D40R	A6D150R				

DIMENSIONS

Ampere Rating	A In mm	B In mm	C In mm	D In mm	E In mm
250V-A2D					
0-30	2	51	9/16	14	-
31-60	3	76	13/16	21	-
61-100	5-7/8	149	1-1/16	27	1/8
101-200	7-1/8	181	1-9/16	40	3/16
201-400	8-5/8	219	2-1/16	53	1/4
401-600	10-3/8	264	2-9/16	66	1/4
600V-A6D					
0-30	5	127	13/16	21	-
31-60	5-1/2	139	1-1/16	27	-
61-100	7-7/8	200	1-5/16	34	1/8
101-200	9-5/8	244	1-13/16	46	3/16
201-400	11-5/8	295	2-9/16	66	1/4
401-600	13-3/8	340	3-1/8	80	1/4

