

TRS-RDC Time-delay/Class RK5

DC Rated for tough DC applications

The Tri-Onic® DC fuse series is designed for DC circuit protection in surface and underground mines. The TRS-RDC is MSHA approved and meets the industry's most severe third party requirements for 600VDC rated fuses. The TRS-RDC is a time-delay fuse with essentially the same time-current characteristic as the standard Tri-Onic fuse.

Features/Benefits:

- DC rated for mine duty and other long time-constant applications
- Time-delay for motor start-ups and high inrush loads without nuisance opening
- Rugged glass melamine body for superior reliability in harsh environments

Highlights:

- Time-delay
- DC rated

Applications:

- Mine circuits
- Trailing cables
- Pump motors
- Rail heaters



Ratings:

Volts : 300VDC (0.1 to 30A)
: 600VDC (35 to 400A)

Amps : 1/10 to 400A

IR : 20kA I.R. DC

**consult factory for availability*

Approvals:

- MSHA approval no. 28-26-0

TRS-RDC Time-delay/Class RK5

Catalog Numbers (amps)

TRS1/10RDC	TRS1-1/4RDC	TRS3-1/2RDC	TRS12RDC	TRS70RDC
TRS15/100RDC	TRS1-4/10RDC	TRS4RDC	TRS15RDC	TRS80RDC
TRS2/10RDC	TRS1-6/10RDC	TRS4-1/2RDC	TRS17-1/2RDC	TRS90RDC
TRS3/10RDC	TRS1-8/10RDC	TRS5RDC	TRS20RDC	TRS100RDC
TRS4/10RDC	TRS2RDC	TRS5-6/10RDC	TRS30RDC	TRS125RDC
TRS1/2RDC	TRS2-1/4RDC	TRS6RDC	TRS35RDC	TRS150RDC
TRS6/10RDC	TRS2-1/2RDC	TRS6-1/4RDC	TRS40RDC	TRS175RDC
TRS8/10RDC	TRS2-8/10RDC	TRS8RDC	TRS45RDC	TRS200RDC
TRS1RDC	TRS3RDC	TRS9RDC	TRS50RDC	TRS250RDC
TRS1-1/8RDC	TRS3-2/10RDC	TRS10RDC	TRS60RDC	TRS300RDC
				TRS400RDC

Recommended Fuse Blocks With Box Connectors For Tri-Onic® Class RK5 Fuses

Fuse Ampere Rating	Catalog Number			
	250V		600V	
	1-Pole	3-Pole	1-Pole	3-Pole
0-30	20306R	20308R	60306R	60308R
31-60	20606R	20608R	60606R	60608R
61-100	21036R	21038R	61036R	61038R
101-200	22001R	22003R	62001R	62003R
201-400	24001R	24003R	64001R	64003R

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

Dimensions

Ampere Rating	A		B		C		D		E	
	In.	mm	In.	mm	In.	mm	In.	mm	In.	mm
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	3	3/4	19	1	25
101-200	9-5/8	244	1-13/16	46	3/16	5	1-1/8	28	1-3/8	35
201-400	11-5/8	295	2-9/16	66	1/4	6	1-5/8	41	1-7/8	48

