

Features

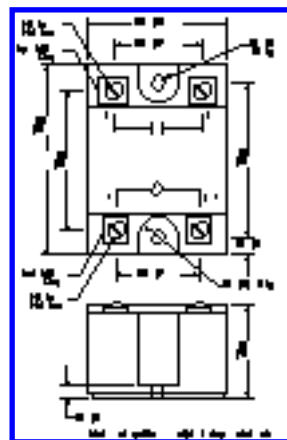
- AC and DC Models
- Back-to-Back Dual SCRs (Non-Suffix)
- Internal Snubbers on AC Models
- TRIAC Version (T-Suffix)
- Random Switching (R-Suffix)
- MOSFET DC Version (M-Suffix)

RS3 Series



Panel Mount, Heavy Duty, Solid State AC & DC Power Relays, 10 Amp to 75 Amp

Dimensional Drawing D31



INPUT PARAMETERS

NTE Type No.	Control Signal Range	Must Operate Voltage	Must Release Voltage	Input Current
RS3-1D10-51	3-32VDC	3VDC	1VDC Min	22mA Max
RS3-1D10-51R	3-32VDC	3VDC	1VDC Min	-
RS3-1A10-52	90-280VAC	80VAC	20VAC Min	-
RS3-1A25-42	90-280VAC	90VAC	10VAC Min	2mA Max
RS3-1D25-24T	3-32VDC	3VDC	1VDC	4mA Max
RS3-1A40-22	90-280VAC	90VAC	10VAC Min	2mA Max
RS3-1D40-41	3-32VDC	3VDC	1VDC Min	4mA Max
RS3-1D40-21	3-32VDC	-	-	34mA Max
RS3-1D40-21R	3-32VDC	-	-	34mA Max
RS3-1A75-22	90-280VAC	90VAC	10VAC Min	2mA Max
RS3-1D75-21	3-32VDC	-	-	34mA Max
RS3-1D75-41	3-32VDC	-	-	4mA Max
RS3-1D12-41M	3.5-32VDC	3.5VDC	1VDC Min	1.6mA Max
RS3-1D40-41M	3.5-32VDC	3.5VDC	1VDC Min	1.6mA Max

OUTPUT PARAMETERS

NTE Type No.	Line Voltage Range	Max On-State Current	Max 1-Cycle Surge	On-State Voltage Drop
RS3-1D10-51	24-330VAC	10A	40A	1.5V
RS3-1D10-51R	24-240VAC	10A	40A	1.5V
RS3-1A10-52	24-330VAC	10A	40A	1.5V
RS3-1A25-42	48-280VAC	25A	245	1.6V
RS3-1D25-24T	48-280VAC	25A	215	1.6V
RS3-1A40-22	48-280VAC	40A	245	1.6V
RS3-1D40-41	80-530VAC	40A	600	1.6V
RS3-1D40-21	24-280VAC	45A	450	1.6V
RS3-1D40-21R	24-280VAC	45A	450	1.6V
RS3-1A75-22	48-280VAC	75A	950	1.6V
RS3-1D75-21	24-280VAC	75A	700	1.6V
RS3-1D75-41	36-530VAC	75A	700	1.6V
RS3-1D12-41M	0-100VDC	12A	28	1.6V
RS3-1D40-41M	0-100VDC	40A	106	2.1V

Electrical Specifications

Environmental Characteristics

Operating: -40°C to +80°C

Note 1. Can be used with NTE441A Heat Sink.



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