

DRA1 CMX Series



- 10mm Single Channel DIN Rail Mount SSR Assembly
- DC Ratings up to 200 VDC and 10 Amps
- 3-10 and 20-28VDC control
- Cage style screw terminals for easy connection
- Fits standard 35mm DIN rail
- Includes LED Status indicator

PRODUCT SELECTION

Description	3 A	5 A	6 A	10 A (5)	10A (5)
3-10 VDC Control	DRA1-CMX200D3	DRA1-CMX60D5	DRA1-CMX100D6	DRA1-CMX60D10	DRA1-CMX100D10
20-28 VDC Control	DRA1-CMXE200D3	DRA1-CMXE60D5	DRA1-CMXE100D6	DRA1-CMXE60D10	DRA1-CMXE100D10

OUTPUT SPECIFICATIONS (1)

Description	3 A	5 A	6 A	10 A (5)	10 A (5)
Operating Voltage [VDC]	1-200	1-60	1-100	1-60	1-100
Maximum Off-State Leakage Current @ Rated Voltage [μ Adc]	100	100	100	100 (2)	100
Maximum Load Current [A] (3)	3	5	6	10	10
Minimum Load Current [A]	0	0	0	0	0
Maximum On-State Resistance [Ohm]	0.2	0.1	0.04	0.018	0.01
Maximum Surge Current (10msec) [Apk]	30	60	100	100	100
Maximum On-State Voltage Drop @ Rated Current [VDC]	0.6	0.5	0.24	0.18	0.1

INPUT SPECIFICATIONS (1)

Description	DRA1-CMX	DRA1-CMXE
Control Voltage Range	3.0-10.0 VDC	20.0-28.0 VDC
Must Turn On Voltage	3.0 VDC	20.0 VDC
Must Turn Off Voltage	1.0 VDC	1.0 VDC
Typical Input Current	15 mAdc @ 5Vdc	12 mAdc @ 20 Vdc
Nominal Input Impedance	300 Ohm	780 Ohm
Maximum Turn-On Time [msec]	1	1
Maximum Turn-Off Time [μ sec]	300	300

GENERAL SPECIFICATIONS

Description	Parameters
Dielectric Strength (4)	2500 Vrms
Minimum Insulation Resistance (@ 500 VDC)(4)	10^9 Ohms
Maximum Capacitance, Input/Output	15 pF
Ambient Operating Temperature Range	-30 to 80°C
Ambient Storage Temperature Range	-30 to 125°C
Weight (typical)	0.063 oz. (28.6g)
Encapsulation	Thermally Conductive Epoxy

GENERAL NOTES

- 1) All parameters at 25°C unless otherwise specified.
- 2) At 55 Vdc
- 3) See derating chart on page 3
- 4) Dielectric and insulation resistance is measured between input and output
- 5) Steady state load Current exceeding 10 amps will damage socket.