



Power Plus DC Series

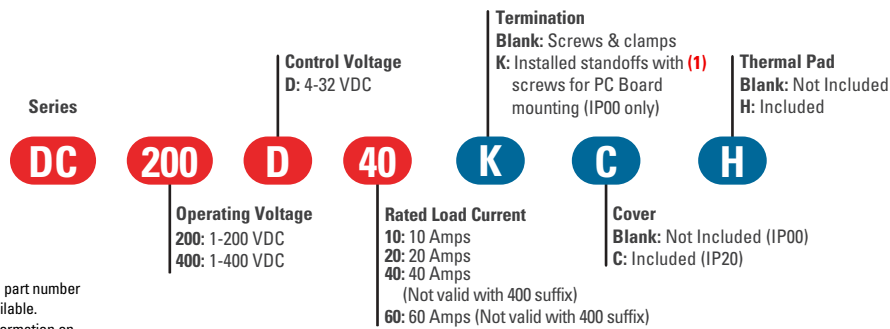
- Ratings from 10A to 40A @ 200 VDC and 10A & 20A @ 400 VDC
- Relays are easily paralleled for higher-current applications
- UL Approved, CE Compliant to EN60950-1
- Improved SEMS screw and washer
- Redesigned housing with anti-rotation barriers
- Mosfet Output
- LED Status Indicator
- DC control
- EMC Compliant to Level 3
- Epoxy Free Design
- Optional IP20 Cover
- PWM to 1K Hz

For **Generation 3** datasheet [click here](#)

PRODUCT SELECTION

Control Voltage	10A	20A	40A	60A	10A	20A
4-32 VDC	DC200D10	DC200D20	DC200D40	DC200D60	DC400D10	DC400D20

AVAILABLE OPTIONS



- Required for valid part number
 - For options only and not required for valid part number
 - * Not all part number combinations are available.
- Contact Crydom Technical Support for information on the availability of a specific part number.

OUTPUT SPECIFICATIONS ⁽²⁾

Description	10A	20A	40A	60A	10A	20A
Recommended Operating Voltage [Vdc]	1-150	1-150	1-150	1-150	1-300	1-300
Absolute Maximing Rating [Vdc]	200	200	200	200	400	400
Maximum Off-State Leakage Current @ Rated Voltage [mA]	0.2	0.2	0.2	0.2	0.4	0.4
Maximum Load Current [Adc] (1)(3)	10	20	40	60	10	20
Minimum Load Current [mA] (4)	2.5	2.5	2.5	2.5	2.5	2.5
Maximum Surge Current (10msec) [Adc]	71	71	142	224	32	48
Maximum On-State Voltage Drop @ Rated Current [Vdc]	0.4	0.78	0.64	0.66	1.55	2.2
Maximum On-State Resistance [RDS-ON] [Ohms]	0.04	0.039	0.016	0.011	0.155	0.11
Thermal Resistance Junction to Case [Rjc] [°C/W]	0.9	0.85	0.41	0.28	0.5	0.37
Minimum Heat Sink for Rated Current @ 40°C [°C/W]	5	2.5	1	0.5	1.5	0.5
Maximum Pulse Width Modulation Frequency [Hz] (5)	1000	1000	900	700	900	700

INPUT SPECIFICATIONS ⁽²⁾

Description	DC Control
Control Voltage Range	4-32 VDC
Maximum Reverse Voltage	-32 VDC
Minimum Turn-On Voltage (6)	4 VDC
Must Turn-Off Voltage	1 VDC
Minimum Input Current (for on-state)	11 mA
Maximum Input Current	14 mA
Nominal Input Impedance	Current Regulated
Maximum Turn-On Time [µsec]	75
Maximum Turn-Off Time [µsec]	100