

10W DC-DC Converter P10D-Series



- Wide 4:1 input range
- Efficiency up to 85 %
- 1500 V_{DC} isolation
- Continuous short circuit protection
- Standard package 2" x 1" x 0.4"
- MTBF 1.12 M hours
- Wide Operating Temperature Range -40...+85°C



Model selection guide

Typ	Input nominal voltage [V _{DC}]	Input quiescent current [mA]	Output voltage [V _{DC}]	Output current [mA]	Efficiency typ. [%]	capacitive load [μF]
Single output						
P10D243R3S	9...36	25	3.3	2000	79	3300
P10D2405S	9...36	25	5.0	2000	82	3300
P10D2412S	9...36	25	12.0	833	85	680
P10D2415S	9...36	25	15.0	666	85	470
P10D483R3S	18...72	20	3.3	2000	78	3300
P10D4805S	18...72	20	5.0	2000	83	3300
P10D4812S	18...72	20	12.0	833	85	680
P10D4815S	18...72	20	15.0	666	85	470
Dual output						
P10D2405D	9...36	25	±5.0	±1000	82	2 x 2200
P10D2412D	9...36	25	±12.0	±416	85	2 x 470
P10D2415D	9...36	25	±15.0	±333	85	2 x 330
P10D4805D	18...72	20	±5.0	±1000	82	2 x 2200
P10D4812D	18...72	20	±12.0	±416	85	2 x 470
P10D4815D	18...72	20	±15.0	±333	85	2 x 330

Derating Curve



