

Dc-Dc Converters ▶ Isolated



[PDF Datasheet](#)

[All Models](#)

PDQE10-D Series

NRND

1" x 1" DIP Isolated Dc-Dc Converter

This product is Not Recommended for New Design (NRND) and availability is limited to remaining stock in distribution.

This product is Not Recommended for New Design (NRND) and availability is limited to remaining stock in distribution.

Availability is limited to remaining stock in distribution. Search to find available replacements.

Recommended Replacement

Datasheet



PRC10W Series | 10 W, 18:1 Input Range, Single/Dual Regulated Outputs, DIP, 4200 Vdc Isolation, Dc-Dc Converter

[PDF](#)



PDQ10-D Series | 10 W, 4:1 Input Range, Single/Dual Regulated Output, 1500 Vdc Isolation, Dc-Dc Converter

[PDF](#)



PDQ15-D Series | 15 W, 4:1 Input Range, Single/Dual Regulated Output, 1500 Vdc Isolation, Dc-Dc Converter

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PTP15 Series | 15 W, 2:1 Input Ratio, Single Regulated Output, DIP, 5600 Vdc Isolation, Dc-Dc Converter

[PDF](#)



PRFE20W-D Series | 20 W, 18:1 Input Range, Single/Dual Regulated Outputs, DIP, 3000 Vdc Isolation, Dc-Dc Converter

[PDF](#)

10 W
4:1 input range
Single/dual regulated outputs
Industry standard 1" x 1" package
Remote on/off control
-40 to +85°C temperature range
Efficiency up to 88%

Safety & Compliance

Safety Standards - 60950, 62368
Safety Approvals - CE, UL/cUL

Documents

- [↓ RoHS & REACH](#)
- [↓ CE Declaration](#)





























































Description

Outputting 10 W of continuous power, the PDQE10-D series is a family of **isolated dc-dc converters** packaged in an encapsulated, **industry standard 1" x 1" footprint**. These low-profile modules feature a 4:1 input voltage range and offer up to 88% efficiency. Housed in a compact DIP package and carrying a wide -40 to +85°C operating temperature range, the series is suitable for convection-cooled equipment and applications including microcontrollers, datacom, telecom, remote sensor systems and portable electronics.

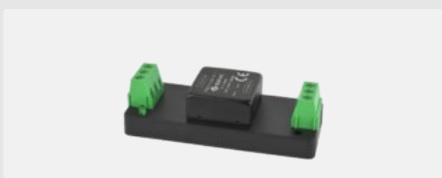
Specifications

Regulation	Yes
Package Type	DIP
Isolation (Vdc)	1500
Safety Standards	60950, 62368
Dimensions LxWxH (in)	1 x 1 x 0.46
Dimensions LxWxH (mm)	25.4 x 25.4 x 11.7
Protections	Over Current, Over Voltage, Short Circuit

ALL MODELS

Model Number	Input Voltage (Vdc)	Power (W)	Output Voltage (Vdc)	Output Current (A)	Safety Approvals	3D Model	PCB Footprint	Stock Check
PDQE10-Q24-S3-D	9 ~ 36	7.92	3.3	2.4	UL/cUL			
PDQE10-Q24-S5-D	9 ~ 36	10	5	2	UL/cUL			
PDQE10-Q24-S9-D	9 ~ 36	10	9	1.111	UL/cUL			
PDQE10-Q24-S12-D	9 ~ 36	10	12	0.833	UL/cUL			
PDQE10-Q24-S15-D	9 ~ 36	10	15	0.667	UL/cUL			
PDQE10-Q24-S24-D	9 ~ 36	10	24	0.416	UL/cUL			
PDQE10-Q24-D5-D	9 ~ 36	10	5/ -5	1/ -1	UL/cUL			
PDQE10-Q24-D9-D	9 ~ 36	10	9/ -9	0.555/ -0.555	UL/cUL			
PDQE10-Q24-D12-D	9 ~ 36	10	12/ -12	0.416/ -0.416	UL/cUL			
PDQE10-Q24-D15-D	9 ~ 36	10	15/ -15	0.333/ -0.333	UL/cUL			
PDQE10-Q24-D24-D	9 ~ 36	10	24/ -24	0.208/ -0.208	UL/cUL			
PDQE10-Q48-S3-D	18 ~ 75	7.92	3.3	2.4	CE, UL/cUL			
PDQE10-Q48-S5-D	18 ~ 75	10	5	2	CE, UL/cUL			
PDQE10-Q48-S12-D	18 ~ 75	10	12	0.833	CE, UL/cUL			
PDQE10-Q48-S15-D	18 ~ 75	10	15	0.667	CE, UL/cUL			
PDQE10-Q48-S24-D	18 ~ 75	10	24	0.416	CE, UL/cUL			
PDQE10-Q48-D5-D	18 ~ 75	10	5/ -5	1/ -1	CE, UL/cUL			
PDQE10-Q48-D12-D	18 ~ 75	10	12/ -12	0.416/ -0.416	CE, UL/cUL			
PDQE10-Q48-D15-D	18 ~ 75	10	15/ -15	0.333/ -0.333	CE, UL/cUL			
PDQE10-Q48-D24-D	18 ~ 75	10	24/ -24	0.208/ -0.208	CE, UL/cUL			

RELATED PRODUCTS



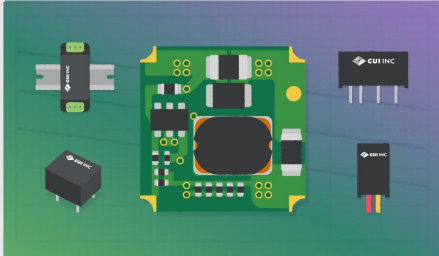
PDQE10-T Series

10 W, 4:1 Input Range, Single/Dual Regulated Output, Chassis Mount, 1500 Vdc Isolation, Dc-Dc Converter

PDQE10-DIN Series

10 W, 4:1 Input Range, Single/Dual Regulated Output, DIN Rail, 1500 Vdc Isolation, Dc-Dc Converter

NEWS AND RESOURCES



How to Select a Dc-Dc Converter

 [Blog Post](#)

RECENTLY VIEWED PRODUCTS



PSK-15D-T Series

15 W, 85 ~ 305 Vac Input, Single Output, Encapsulated, Chassis Mount, Ac-Dc Power Supply



PSK-15D Series

15 W, 85 ~ 305 Vac Input, Single Output, Encapsulated, Board Mount, Ac-Dc Power Supply



PSK-20D-DIN Series

20 W, 85 ~ 305 Vac Input, Single Output, Encapsulated, DIN Rail, Ac-Dc Power Supply

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