

MURATA POWER SOLUTIONS DC-DC Converters



DATEL BEI15 SERIES, 15W ISOLATED DUAL OUTPUT

This product is RoHS compliant.

Features:

- Isolation up to 2250VDC (Q48 model) and 2000VDC (Q12 model)
- Extensive self-protection shut down features
- N for negative polarity or P for positive polarity
- High efficiency synchronous rectifier forward topology
- Usable -40 to 85°C temperature range (with derating)



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	DateL Part No.	Fig.	Input Volts	Output		Price Each		
				Volts	Current	1	5	10
580-BEI15-050-Q12N-C	BEI15-050-Q12N-C	A	24 (9-36)	±5	±1500mA			
580-BEI15-050-Q12P-C	BEI15-050-Q12P-C	A	24 (9-36)	±5	±1500mA			
580-BEI15-050-Q48N-C	BEI15-050-Q48N-C	A	48 (18-75)	±5	±1500mA			
580-BEI15-050-Q48P-C	BEI15-050-Q48P-C	A	48 (18-75)	±5	±1500mA			
580-BEI15-120-Q12N-C	BEI15-120-Q12N-C	A	24 (9-36)	±12	±625mA			
580-BEI15-120-Q12P-C	BEI15-120-Q12P-C	A	24 (9-36)	±12	±625mA			
580-BEI15-120-Q48N-C	BEI15-120-Q48N-C	A	48 (18-75)	±12	±625mA			
580-BEI15-120-Q48P-C	BEI15-120-Q48P-C	A	48 (18-75)	±12	±625mA			
580-BEI15-150-Q12N-C	BEI15-150-Q12N-C	A	24 (9-36)	±15	±500mA			
580-BEI15-150-Q12P-C	BEI15-150-Q12P-C	A	24 (9-36)	±15	±500mA			
580-BEI15-150-Q48N-C	BEI15-150-Q48N-C	A	48 (18-75)	±15	±500mA			
580-BEI15-150-Q48P-C	BEI15-150-Q48P-C	A	48 (18-75)	±15	±500mA			

DATEL TWR SERIES, 8-22W ISOLATED TRIPLE OUTPUT

Features:

- Fully isolated, 1500VDC guaranteed
- Guaranteed efficiencies to 82%
- 40° to +100°C operating temperature
- 20W models allow "user-allocated" power among outputs
- Designed to meet UL 1950/EN60950

*No pin 4

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	DateL Part No.	Fig.	Input Volts	Output 1	Output 2	Output 3	Price Each	Price Each	Price Each
580-TWR11-5-15-D12AC	TWR-5/1000-15/200-D12A-C	B	12	5/±12	1A/±200mA				
580-TWR20-5-12D12AC	TWR-5/3000-12/500-D12A-C	C	12	5/±12	3A/±500mA				
580-TWR20-5-15D12AC	TWR-5/3000-15/500-D12A-C	C	12	5/±15	3A/±500mA				
580-TWR10-5-12-D24AC	TWR-5/1000-12/210-D24A-C	B	24	5/±12	1A/±210mA				
580-TWR11-5-15-D24AC	TWR-5/1000-15/200-D24A-C	B	24	5/±15	1A/±200mA				
580-TWR22-5-15D24C	TWR-5/3-15/250-D24-C	D	24	5/±15	3A/250mA				
580-TWR12-5-12-D48AC	TWR-5/1200-12/250-D48A-C	C	48	5/±12	1.2A/±250mA				
580-TWR12-5-15-D48AC	TWR-5/1000-15/250-D48A-C	C	48	5/±15	1A/±250mA				
580-TWR20-5-12D48AC	TWR-5/3000-12/500-D48A-C	C	48	5/±12	3A/±500mA				
580-TWR20-5-15D48AC	TWR-5/3000-15/500-D48A-C	C	48	5/±15	3A/±500mA				

DATEL TMP SERIES, 25-35W ISOLATED TRIPLE OUTPUT

Features:

- Fully isolated, 1500VDC guaranteed
- Standard pinout, small size
- Efficiencies to 86%
- Meets UL1950 and EN60950 (basic insulation)

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	DateL Part No.	Fig.	Input Volts	Output 1	Output 2	Output 3	Price Each	Price Each	Price Each
580-TMP5-12-Q12-C	TMP-5/5-12/1-Q12-C	E	24 (10-36)	5/±12	5A/±1A				
580-TMP5-15-Q12-C	TMP-5/5-15/1-Q12-C	E	24 (10-36)	5/±15	5A/±1A				
580-TMP5-12-D24-C	TMP-5/5-12/1-D24-C	E	24 (18-36)	5/±12	5A/±1A				
580-TMP5-15-D24-C	TMP-5/5-15/1-D24-C	E	24 (18-36)	5/±15	5A/±1A				
580-TMP5-12-Q48-C	TMP-5/5-12/1-Q48-C	E	48 (18-75)	5/±12	5A/±1A				
580-TMP5-15-Q48-C	TMP-5/5-15/1-Q48-C	E	48 (18-75)	5/±15	5A/±1A				

DATEL ULQ SERIES, 75-96W ISOLATED SINGLE OUTPUT

Features:

- Fully isolated, 2250VDC (basic)
- Standard quarter-brick package/pinout
- Surface Mount Package
- UL/EN/IEC60950 safety approvals
- Efficiency to 91%

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	DateL Part No.	Fig.	Input Volts	Output	Price Each	Price Each	Price Each
580-ULQ5-15-D24P-C	ULQ-5/15-D24P-C	F	24 (18-36)	5	15A		
580-ULQ12-8-D24N-C	ULQ-12/8-D24N-C	F	24 (18-36)	12	8A		
580-ULQ12-8-D24P-C	ULQ-12/8-D24P-C	F	24 (18-36)	12	8A		
580-ULQ12-10-D48PMC	ULQ-12/10-D48PM-C	F	48 (36-75)	12	10A		

DATEL ULE 20A MODELS, 24-60W ISOLATED SINGLE OUTPUT

Features:

- Output current 2-30A
- Output Voltage 2.5V to 48V
- Surface Mount Package
- New 1/8 brick package
- Input voltage 12V, 24V & 48V

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	DateL Part No.	Fig.	Input Volts	Output	Price Each	Price Each	Price Each
580-ULE2.5-20-D24P-C	ULE2.5/20-D24P-C	G	24 (18-36)	2.5V	20A		
580-ULE2.5-20-D48P-C	ULE-2.5/20-D48P-C	G	48 (36-75)	2.5V	20A		
580-ULE3.3-20-D12P-C	ULE-3.3/20-D12P-C	G	12 (9-18)	3.3V	20A		
580-ULE3.3-20-D24P-C	ULE-3.3/20-D24P-C	G	24 (18-36)	3.3V	20A		
580-ULE3.3-20-D24N-C	ULE-3.3/20-D24N-C	G	24 (18-36)	3.3V	20A		
580-ULE5-10-D12P-C	ULE-5/10-D12P-C	G	12 (9-18)	5V	10A		
580-ULE5-12-D24P-C	ULE-5/12-D24P-C	G	24 (18-36)	5V	12A		
580-ULE5-12-D48NMC	ULE-5/12-D48NM-C	G	48 (36-75)	5V	12A		
580-ULE12-4.2-D24P-C	ULE-12/4.2-D24P-C	G	24 (18-36)	12V	4.2A		
580-ULE12-4.2-D48P-C	ULE-12/4.2-D48P-C	G	48 (36-75)	12V	4.2A		
580-ULE48-1.25-D48PC	ULE-48/1.25-D48P-C	G	48 (36-75)	48V	1.25A		

DATEL UQQ MODEL, 7-25A ISOLATED WIDE INPUT SINGLE OUTPUT

Features:

- Standard quarter brick package
- 9-36V or 18-75V wide range inputs
- With Baseplate
- Output currents 7-25A

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	DateL Part No.	Fig.	Input Volts	Output	Price Each	Price Each	Price Each
580-UQQ3325Q12PB-C	UQQ-3.3/25-Q12PB-C	H	12	3.3V	25A		
580-UQQ-5/20-Q48N-C	UQQ-5/20-Q48N-C	H	48	5V	20A		
580-UQQ-128-Q12PB-C	UQQ-12/8-Q12PB-C	H	12	12V	8A		
580-UQQ-12/8-Q48N-C	UQQ-12/8-Q48N-C	H	48	12V	8A		
580-UQQ-15/7-Q12N-C	UQQ-15/7-Q12N-C	H	12	15V	7A		
580-UQQ-15/7-Q12PB-C	UQQ-15/7-Q12PB-C	H	12	15V	7A		
580-UQQ-24/4-Q12PB-C	UQQ-24/4-Q12PB-C	H	12	24V	4A		

