



Power supplies

Phoenix Contact Power Supplies

QUINT POWER and TRIO POWER products deliver reliable power with excellent efficiency. QUINT POWER offers rugged, industrial-purpose power supplies with temperature ratings up to +60 degrees Celsius without de-rating. QUINT POWER also offers POWER BOOST technology for excess current reserves and a series of DC-DC uninterruptible power supplies. TRIO POWER supplies deliver a reliable, general-purpose power supply that can supply nominal current up to +55 degrees Celsius without de-rating.

Features ▶

- Operating temperatures up to +60°C on QUINT POWER and +55°C on TRIO POWER without derating
- Permanent POWER BOOST power reserve on QUINT POWER of up to 50 percent for heavy loads and future expansion
- Universal, full-spectrum AC input voltage range
- Class I, Division 2, and ATEX versions with QUINT POWER
- 5-year USA warranty with optional TRABTECH no-fault warranty

Benefits ▶

- Provides nominal current outputs at extreme temperatures
- Can start capacitive loads with high amounts of inrush current
- Full spectrum of input ranges prevents output loss due to over-voltages or voltage sags on the input
- Harsh environment ratings reduce the number of precautions needed for power supplies
- Reliable and rugged power supplies

Applications ▶

- AC/DC power conversion without step-down transformer
- Total control cabinet power
- Mission-critical control applications
- General-purpose machine I/O
- Hazardous locations

Product Specifications ▶

Part Number	Description	Input Voltage	Output Voltage (VDC)	Output Current	Operating Temperature (°C)	Diagnostics	Class I, Div. 2	Dimensions (mm)
2938578	QUINT-PS-100-240AC/24DC/2.5	85-264 VAC/90-350 VDC	24	2.5A	-25 to +70	LED transistor, relay	√	55 x 130 x 125
2938581	QUINT-PS-100-240AC/24DC/5	85-264 VAC/90-350 VDC	24	5.0A	-25 to +70	LED transistor, relay	√	55 x 130 x 125
2938604	QUINT-PS-100-240AC/24DC/10	85-264 VAC/90-350 VDC	24	10.0A	-25 to +70	LED transistor, relay	√	85 x 130 x 125
2938620	QUINT-PS-100-240AC/24DC/20	85-264 VAC/90-350 VDC	24	20.0A	-25 to +70	LED transistor, relay	√	157 x 130 x 125
2938879	QUINT-PS-100-240AC/24DC/40	85-264 VAC/90-350 VDC	24	40.0A	-25 to +70	LED transistor, relay	√	240 x 130 x 125
2938594	QUINT-PS-3x400-500AC/24DC/5	3 x 320-575 VAC/450-800 VDC	24	5.0A	-25 to +70	LED transistor, relay	√	70 x 130 x 125
2938617	QUINT-PS-3x400-500AC/24DC/10	3 x 320-575 VAC/450-800 VDC	24	10.0A	-25 to +70	LED transistor, relay	√	85 x 130 x 125
2938727	QUINT-PS-3x400-500AC/24DC/20	3 x 320-575 VAC/450-800 VDC	24	20.0A	-25 to +70	LED transistor, relay	√	160 x 130 x 125
2938646	QUINT-PS-3x400-500AC/24DC/40	3 x 320-575 VAC/450-800 VDC	24	40.0A	-25 to +70	LED transistor, relay	√	240 x 130 x 125
2866255	QUINT-PS-100-240AC/48DC/5	85-264 VAC/90-350 VDC	48	5.0A	-25 to +70	LED transistor, relay	NA	85 x 130 x 125
2938976	QUINT-PS-100-240AC/48DC/20	85-264 VAC/90-350 VDC	48	20.0A	-25 to +70	LED transistor, relay	NA	240 x 130 x 125
2938219	QUINT-PS-3x400-500AC/48DC/10	3 x 320-575 VAC/450-800 VDC	48	10.0A	-25 to +70	LED transistor, relay	NA	160 x 130 x 125
2938222	QUINT-PS-3x400-500AC/48DC/20	3 x 320-575 VAC/450-800 VDC	48	20.0A	-25 to +70	LED transistor, relay	NA	240 x 130 x 125
2938853	QUINT-PS-100-240AC/24DC/5/EX	85-264 VAC/90-350 VDC	24	5.0A	-25 to +70	LED transistor, relay	√	55 x 130 x 125
2938866	QUINT-PS-100-240AC/24DC/10/EX	85-264 VAC/90-350 VDC	24	10.0A	-25 to +70	LED transistor, relay	√	85 x 130 x 125
2866268	TRIO-PS/1AC/24DC/2.5	85-264 VAC	24	2.5	0 to +70	LED	NA	32 x 130 x 115
2866310	TRIO-PS/1AC/24DC/5	85-264 VAC	24	5	0 to +70	LED	NA	40 x 130 x 115
2866323	TRIO-PS/1AC/24DC/10	85-264 VAC	24	10	0 to +70	LED	NA	60 x 130 x 152.5
2866381	TRIO-PS/1AC/24DC/20	85-264 VAC	24	20	0 to +70	LED	NA	115 x 130 x 152.5
2866459	TRIO-PS/3AC/24DC/10	3 x 320-575 VAC	24	10	0 to +70	LED	NA	60 x 130 x 152.5
2866394	TRIO-PS/3AC/24DC/20	3 x 320-575 VAC	24	20	0 to +70	LED	NA	115 x 130 x 152.5
2866404	TRIO-PS/3AC/24DC/40	3 x 320-575 VAC	24	10	0 to +70	LED	NA	60 x 130 x 152.5
2866213	QUINT-BUFFER/24DC/20	24 VDC	24	20	-25 to +70	LED transistor	√	64 x 130 x 125
2866226	QUINT-DC-UPS/24DC/10	24 VDC	24	10	-25 to +70	LED relay contact	√	100 x 130 x 125
2866239	QUINT-DC-UPS/24DC/20	24 VDC	24	20	-25 to +70	LED relay contact	√	66 x 130 x 125
2866242	QUINT-DC-UPS/24DC/40	24 VDC	24	40	-25 to +70	LED relay contact	NA	66 x 130 x 125
2866349	QUINT-BAT/24DC/3.4AH	24 VDC	24	3.4 Ah	0 to +40	NA	NA	112 x 145 x 123
2866352	QUINT-BAT/24DC/7.2AH	24 VDC	24	7.2 Ah	0 to +40	NA	NA	164 x 156 x 123
2866365	QUINT-BAT/24DC/12AH	24 VDC	24	12 Ah	0 to +40	NA	NA	231 x 156 x 123

For a complete list of Phoenix Contact, Inc. products contact an Arrow representative at 800-349-4960.