



DIN Rail Power Supply

From The World's No.1 Power Supply Company

March 2014

DIN Rail Power Supply

Product Introduction

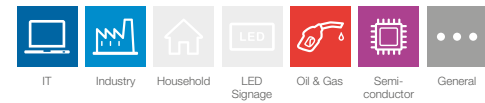
CLiQ™



- Universal AC input voltage
- Power will not de-rate for the entire input voltage range
- Power Boost of 150% for 3 seconds (24V/480W: 200% for 2 seconds)
- Full corrosion resistant aluminium chassis (except 12V/15W, 12V/30W, 24V/48W and 24V/60W)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Conformal coating on PCBAs to protect against chemical and dust pollutants (except DRP-24V48W1AZ and DRP024V060W1AZ)
- Hazardous Locations approval to ATEX and Class I, Div 2 for selected models



Typical Applications



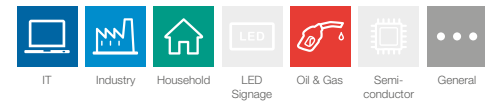
CLiQ™



- Universal AC input voltage
- Power will not de-rate for the entire input voltage range
- Power Boost of 150% for 5 seconds (24V/480W: 200% for 2 seconds)
- Full corrosion resistant aluminium chassis (except DRP024V060W1N□)
- Extreme low temperature cold start -40°C for selected models
- Conformal coating on PCBAs to protect against chemical and dust pollutants
- Hazardous Locations approval to ATEX and Class I, Div 2 for selected models



Typical Applications



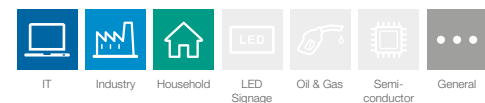
CHROME



- Class II Double Isolation (No earth connection is required)
- Universal AC input voltage
- Power will not de-rate for the entire input voltage range
- Can be installed in compact cabinets
- NEC Class 2 and Limited Power Source (LPS) approvals
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Safety approval according to IEC/EN/UL 60950-1 (ITE standard) and UL 508 (Industrial standard)



Typical Applications



* Only for some models. Please refer to the catalog or our homepage for details.

DIN Rail Modules

Product Introduction

CLiQ™

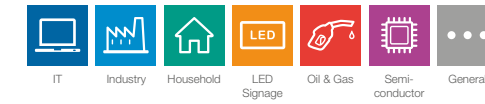


Redundancy Modules

- Wide input and output range of 22-60Vdc
- Very wide operating temperature from -40°C to +80°C
- Built-in 2 channel DC OK signal and alarm relay contact
- Support N+1 Redundancy connection
- Conformal coating on PCBAs to protect against chemical and dust pollutants
- Hazardous Locations approval to ATEX and Class I, Div 2
- IP20 Certified



Typical Applications



CLiQ™

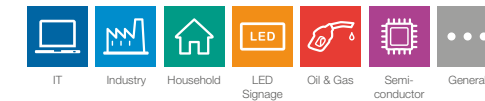


DC-UPS Module

- Full corrosion resistant aluminium chassis
- Suitable for 24V system up to 40A
- Built-in diagnostic monitoring for DC OK, Discharge and Battery Fail by relay contacts
- LED indicator for DC OK, Battery Fail, DC Input, Battery Reverse Polarity and Battery Discharge
- High MTBF > 500,000 hrs per Telcordia SR-332
- Conformal coating option on PCBAs to protect against chemical and dust pollutants



Typical Applications



CLiQ™

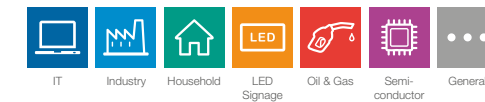


Buffer Modules

- Minimum buffering time of:
 - 250ms @ 24V/20A for DRB-24V020AB□
 - 200ms @ 24V/40A for DRB-24V040ABN
- Flexible operating buffering voltage modes- Fixed mode at 22Vdc; Dynamic mode for $V_{in} - 1V$
- Support parallel connection to extend buffering time
- Conformal coating on PCBAs to protect against chemical and dust pollutants
- Hazardous Locations approval to ATEX and Class I, Div 2 for DRB-24V020ABA



Typical Applications



* Only for some models. Please refer to the catalog or our homepage for details.

Product List

Series	Model Name	Phase			PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (L x W x D)
		1	2	3						
CliQ	DRP012V015W1A□	●				12V	1.25A	15W	85-264Vac (DC input range 120-375Vdc)*	100 x 32 x 100.6 mm
	DRP012V030W1A□	●					2.50A	30W		100 x 32 x 100.6 mm
	DRP012V060W1AA	●					5.00A	60W		121 x 32 x 120 mm
	DRP012V100W1AA	●					8.33A	100W		121 x 50 x 118.7 mm
	DRP-24V48W1AZ	●				24V	2.00A	48W	85-264Vac (DC input range 120-375Vdc)*	100 x 32 x 100.6 mm
	DRP024V060W1AZ	●					2.50A	60W		120.6 x 32 x 113 mm
	DRP024V060W1AA	●					2.50A	60W		121 x 32 x 120 mm
	DRP024V120W1AA	●			●		5.00A	120W		121 x 50 x 118.7 mm
	DRP024V240W1AA	●			●		10.0A	240W		121 x 85 x 118.5 mm
	DRP024V480W1AA	●			●		20.0A	480W		121 x 160 x 118.5 mm
CliQ II	DRP024V060W1B□	●				24V	2.50A	60W	85-264Vac (DC input range 120-375Vdc)*	121 x 32 x 125 mm
	DRP024V060W1N□	●					2.50A	60W		120.6 x 32 x 119.3 mm
	DRP-24V100W1NN	●			●		3.80A	91.2W		124 x 40 x 124 mm
	DRP024V120W1B□	●					5.00A	120W		121 x 50 x 123.1 mm
	DRP024V240W1B□	●			●		10.0A	240W		121 x 85 x 124.1 mm
	DRP024V480W1B□	●			●		20.0A	480W		121 x 144 x 118.6 mm
	DRP-24V120W2BN		●				5.00A	120W	2 x 180-550Vac (DC input range 254-750Vdc)*	124 x 40 x 124 mm
	DRP024V060W3B□		●	●			2.50A	60W	3 x 320-600Vac or 2 x 360-600Vac (DC input range 450-800Vdc)*	121 x 50 x 117.3 mm
	DRP024V120W3B□		●	●			5.00A	120W		121 x 50 x 117.3 mm
	DRP024V240W3B□		●	●			10.0A	240W	For 960W: 3 x 320-600Vac or 2 x 380-600Vac (DC input range 450-800Vdc)*	121 x 70 x 117.3 mm
	DRP024V480W3B□		●	●	●		20.0A	480W		121 x 140 x 117.3 mm
	DRP024V960W3BN		●	●	●		40.0A	960W		121 x 255 x 117.3 mm
	DRP048V060W1B□	●				48V	1.25A	60W	85-264Vac (DC input range 120-375Vdc)*	121 x 32 x 125 mm
	DRP048V120W1B□	●			●		2.50A	120W		121 x 50 x 123.1 mm
	DRP048V240W1B□	●			●		5.00A	240W		121 x 85 x 124.1 mm
DRP048V480W1B□	●			●		10.0A	480W		121 x 144 x 118.6 mm	

*DC input is certified for selected models.

Model Numbering

DR	P	XXXV	XXXW	□	□	□
DIN Rail	Product Type P - Power Supply	Output Voltage	Output Power	Phase Input 1 - Single Phase 2 - Two Phase 3 - Three Phase	A - CliQ Series B - CliQ II Series N - NEC Class 2	A - Metal Case, with Class I, Div 2 N - Metal Case, without Class I, Div 2 Y - Plastic Case, with Class I, Div 2 Z - Plastic Case, without Class I, Div 2

Series	Model Name	Phase		PFC	Output Voltage	Output Current	Output Power	Input Voltage Range	Dimensions (L x W x D)
		1	3						
Chrome	DRC-12V30W1AZ	●			12V	2.10A	25.2W	90-264Vac (DC input range 125-375Vdc)*	91 x 53 x 55.6 mm
	DRC-12V60W1AZ	●				4.50A	54W		91 x 71 x 55.6 mm
	DRC-24V10W1AZ	●			24V	0.42A	10W	90-264Vac (DC input range 125-375Vdc)*	91 x 18 x 55.6 mm
	DRC-24V30W1AZ	●				1.25A	30W		91 x 53 x 55.6 mm
	DRC-24V60W1AZ	●				2.50A	60W		91 x 71 x 55.6 mm
	DRC-24V100W1AZ	●				3.80A	91.2W		91 x 89.9 x 55.6 mm

*DC input is certified for selected models.

Model Numbering

DR	C -	XXV	XXW	1	A	Z
DIN Rail	Product Type C - Isolation Class II Power Supply	Output Voltage	Output Power	Phase Input 1 - Single Phase	No PFC	Delta Standard

Series	Product Type	Model Name	Output Voltage	Output Current	Input Current	Input Voltage Range	Dimensions (L x W x D)	
CliQ II	Redundancy Module	DRR-20□	22-60V	20.0A	(1+1 Redundancy) = Nominal 2 x 12.5A	22-60Vdc	121 x 50 x 122.1 mm	
					(N+1 Redundancy) = Nominal 2 x 10A			
		DRR-40□		40.0A	(1+1 Redundancy) = Nominal 2 x 25A			
					(N+1 Redundancy) = Nominal 2 x 20A			
	DC-UPS Module	DRU-24V40ABN	24V	40.0A	Charging Mode: 2.0A ± 0.5A Discharging Mode: < 40A		24-28Vdc	121 x 50 x 117.3 mm
	Buffer Module	DRB-24V020AB□	24V	20.0A	Charging Mode: < 0.6A Discharging Mode: < 20A		22.8-28.8Vdc	121 x 70 x 120.1 mm
40.0A					Charging Mode: < 0.6A Discharging Mode: < 40A	121 x 70 x 120.1 mm		

Model Numbering

DR	R -	XX	□
DIN Rail	Product Type R - Redundancy Module	Output Current 20 - 20A 40 - 40A	A - Metal Case, with Class I, Div 2 N - Metal Case, without Class I, Div 2

DR	□ -	24V	XXXA	B	□
DIN Rail	Product Type U - DC-UPS Module B - Buffer Module	Output Voltage	Output Current	CliQ II Series	A - Metal Case, with Class I, Div 2 N - Metal Case, without Class I, Div 2



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March 2014 - All information and specifications are subjected to change without prior notice.