

Selection Guide

DIN Rail Power Supply

New products are frequently introduced. Please visit www.DeltaPSU.com for latest product updates.

Issue Date: 2018/09/07

Product Type	Series	Model Name	Phase			PFC	Output Voltage	Output Current	Output Power	Input Voltage Range*	
			1	2	3						
DIN Rail Power Supply	CliQ • Terminal block • Power Boost up to 3s (except DRP-24V48W1AZ)	DRP012V015W1A□	●				12V	1.25A	15W	85-264Vac (DC input range 120-375Vdc)	
		DRP012V030W1A□	●					2.5A	30W		
		DRP012V060W1AA	●					5.0A	60W		
		DRP012V100W1AA	●					8.33A	100W		
		DRP-24V48W1AZ	●				24V	2.0A	48W		85-264Vac (DC input range 120-375Vdc)
		DRP024V060W1AZ	●					2.5A	60W		
		DRP024V060W1AA	●					2.5A	60W		
		DRP024V120W1AA	●			●		5.0A	120W		
		DRP024V240W1AA	●			●		10.0A	240W		
	DRP024V480W1AA	●			●	20.0A	480W				
	CliQ II • IP20 connector • Power Boost up to 5s	DRP024V060W1B□	●				24V	2.5A	60W	85-264Vac (DC input range 120-375Vdc)	
		DRP024V120W1B□	●					5.0A	120W		
		DRP024V240W1B□	●			●		10.0A	240W		
		DRP024V480W1B□	●			●		20.0A	480W		
		DRP024V060W1N□	●				24V	2.5A	60W	85-264Vac (DC input range 120-375Vdc)	
		DRP-24V100W1NN	●			●		3.8A	91.2W		
		DRP-24V120W2BN	●	●				5.0A	120W	2 x 180-550Vac or 180-305Vac (Single Phase) (DC input range 254-780Vdc)	
		DRP-24V240W2BN	●	●		●		10.0A	240W		
		DRP024V060W3B□		●	●			2.5A	60W	3 x 320-600Vac or 2 x 360-600Vac (DC input range 450-800Vdc)	
		DRP024V120W3B□		●	●			5.0A	120W		
		DRP024V240W3B□		●	●			10.0A	240W		
		DRP024V480W3B□		●	●	●		20.0A	480W		
		DRP024V960W3BN		●	●	●		40.0A	960W	For 960W: 3 x 320-600Vac or 2 x 380-600Vac (DC input range 450-800Vdc)	
		DRP048V060W1B□	●					48V	1.25A	60W	85-264Vac (DC input range 120-375Vdc)
	DRP048V120W1B□	●			●	2.5A	120W				
	DRP048V240W1B□	●			●	5.0A	240W				
	DRP048V480W1B□	●			●	10.0A	480W				
	CliQ III • Slim design with high power density • Power Boost up to 5s	DRP-24V120W1CAN	●			●	24V	5.0A	120W	88-264Vac	
		DRP-24V120W1CBN	●			●		5.0A	120W	88-264Vac (DC input range 88-375Vdc)	
		DRP-24V240W1CAN	●			●		10.0A	240W	88-264Vac	
		DRP-24V240W1CBN	●			●		10.0A	240W	88-264Vac (DC input range 88-375Vdc)	
		DRP-24V480W1CAN	●			●		20.0A	480W	88-264Vac	
		DRP-24V480W1CBN	●			●		20.0A	480W	88-264Vac (DC input range 88-375Vdc)	

* DC input is certified for selected models

DIN Rail Power Supply Model Numbering

DR	P	XXXV	XXXW	1	A	□	
DIN Rail	Product Type P - Power Supply	Output Voltage	Output Power	Phase Input 1 - Single Phase	A - CliQ Series	A - Metal Case, with Class I, Div 2 and ATEX approvals Y - Plastic Case, with Class I, Div 2 and ATEX approvals Z - Plastic Case, without Class I, Div 2 and ATEX approvals	
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	B - CliQ II Series N - NEC Class 2	A - Metal Case, with Class I, Div 2 and ATEX approvals N - Metal Case, without Class I, Div 2 and ATEX approvals Y - Plastic Case, with Class I, Div 2 and ATEX approvals Z - Plastic Case, without Class I, Div 2 and ATEX approvals	
DR	P -	XXV	XXXW	1	C	□	N
DIN Rail	Product Type P - Power Supply	Output Voltage	Output Power	Phase Input 1 - Single Phase	C - CliQ III Series	Input Voltage A - AC Input B - AC & DC Input	N - Metal Case, without Class I, Div 2 and ATEX approvals

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Product Type	Series	Model Name	Phase	PFC	Output Voltage	Output Current	Output Power	Input Voltage Range*
			1					
DIN Rail Power Supply	CliQ M <ul style="list-style-type: none"> Slim design with high power density Advanced Power Boost Maritime approvals 	DRM-24V80W1PN	●	●	24V	3.4A	80W	85-276Vac (DC input range 88-375Vdc)
		DRM-24V120W1PN	●	●		5.0A	120W	85-264Vac (DC input range 88-375Vdc)
		DRM-24V240W1PN	●	●		10.0A	240W	85-276Vac (DC input range 88-375Vdc)
		DRM-24V480W1PN	●	●		20.0A	480W	
		DRM-24V960W1PN	●	●		40.0A	960W	85-264Vac
	CliQ VA <ul style="list-style-type: none"> Smart monitoring function Advanced Power Boost 	DRV-24V120W1PN	●	●	24V	5.0A	120W	85-264Vac (DC input range 88-375Vdc)
		DRV-24V240W1PN	●	●		10.0A	240W	85-276Vac (DC input range 88-375Vdc)
		DRV-24V480W1PN	●	●		20.0A	480W	
	Lyte <ul style="list-style-type: none"> Built-in constant current circuit Competitively priced 	DRL-24V120W1A□	●		24V	5.0A	120W	85-264Vac (DC input range 120-375Vdc)
		DRL-24V240W1A□	●	●		10.0A	240W	
		DRL-24V480W1A□	●	●		20.0A	480W	
		DRL-48V120W1A□	●		48V	2.5A	120W	
	Chrome <ul style="list-style-type: none"> Compact Class II double isolation NEC Class 2 	DRC-5V10W1A□	●		5V	1.5A	7.5W	90-264Vac
		DRC-12V10W1A□	●		12V	0.83A	10W	
		DRC-12V30W1A□	●			2.1A	25.2W	
		DRC-12V60W1A□	●			4.5A	54W	
		DRC-12V100W1AZ	●			6.0A	72W	
		DRC-24V10W1A□	●		24V	0.42A	10W	90-264Vac
		DRC-24V10W1HZ	●			0.42A	10W	
		DRC-24V30W1A□	●			1.25A	30W	
		DRC-24V60W1A□	●			2.5A	60W	
	DRC-24V100W1A□	●		3.8A	91.2W	90-264Vac (DC input range 120-375Vdc)		
	Sync <ul style="list-style-type: none"> Compact NEC Class 2 Competitively priced 	DRS-5V30W1NZ	●		5V	3.0A	15W	85-264Vac (DC input range 120-375Vdc)
		DRS-5V50W1A□	●			6.0A	30W	
		DRS-5V50W1N□	●			5.0A	25W	
		DRS-12V50W1N□	●		12V	4.0A	48W	85-264Vac
		DRS-24V30W1AZ	●			24V	1.25A	
		DRS-24V30W1NZ	●		1.25A		30W	
		DRS-24V50W1N□	●		2.1A		50W	
		DRS-24V100W1A□	●	●	4.0A		96W	
		DRS-24V100W1N□	●	●	3.8A		91.2W	

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DIN Rail Power Supply Model Numbering

DR	M –	XXV	XXXW	1	P	N
DIN Rail	Product Series M - CliQ M Series	Output Voltage	Output Power	Phase Input 1 - Single Phase	Advanced Power Boost (APB)	N - Metal Case, without Class I, Div 2 and ATEX approvals
DR	V –	XXV	XXXW	1	P	N
DIN Rail	Product Series V - CliQ VA Series	Output Voltage	Output Power	Phase Input 1 - Single Phase	Advanced Power Boost (APB)	N - Metal Case, without Class I, Div 2 and ATEX approvals
DR	L –	XXV	XXXW	1	A	□
DIN Rail	Product Series L - Lyte Series	Output Voltage	Output Power	Phase Input 1 - Single Phase	Standard Bracket	A - Without DC OK Relay Contact S - With DC OK Relay Contact
DR	C –	XXV	XXXW	1	□	□
DIN Rail	Product Type C - Isolation Class II Power Supply	Output Voltage	Output Power	Phase Input 1 - Single Phase	A - No PFC H - Household Approval	Z - Black Plastic Case G - Grey Plastic Case C - Black Plastic Case with conformal coating ¹⁾
DR	S –	XXV	XXXW	1	□	□
DIN Rail	Product Series S - Sync Series	Output Voltage	Output Power	Phase Input 1 - Single Phase	A - Non NEC Class 2 N - NEC Class 2	Z - Without DC OK Relay Contact R - With DC OK Relay Contact

1) Options for DRC-24V60W1A□ and DRC-24V100W1A□ only