

DPD/APD 19IN/21IN 3U

DC and AC distribution panel

Description

The Delta DPD and APD panels are a solution to have extra DC or AC distribution working together with power supply systems. DPD panel is used to provide additional load MCB's. The AC panel is used to have separate AC assembly.

The distribution unit is built as 3U panel with standard DIN rail. The panels can be installed into support cabinets (SC family) or wall mounting covers (WB family). APD can also be used in all Delta outdoor systems as well as in all different standard 19" cabinets and structures.

The panels offer flexible structure: They can be configured according to specific project request. The different AC distribution components can be installed inside: main insulation switches, overvoltage protection arrestors (OVP), modular circuit breakers (MCB), screw terminals, relays, service sockets – all modular components prepared for installation on standard DIN rail.

A product configurator is created for typical configurations. For complex project requirements the factory will create a fixed customer configuration using the standard mechanics.

Delta is known for quality and product reliability – in this solution that has been combined to optimize the total cost of ownership.

Main features

Universal frame design, prepared for installation on standard rack supporters

Compact size – 3U high

Removable front cover

Space for 24 modules (19IN) or 27 modules (21IN)

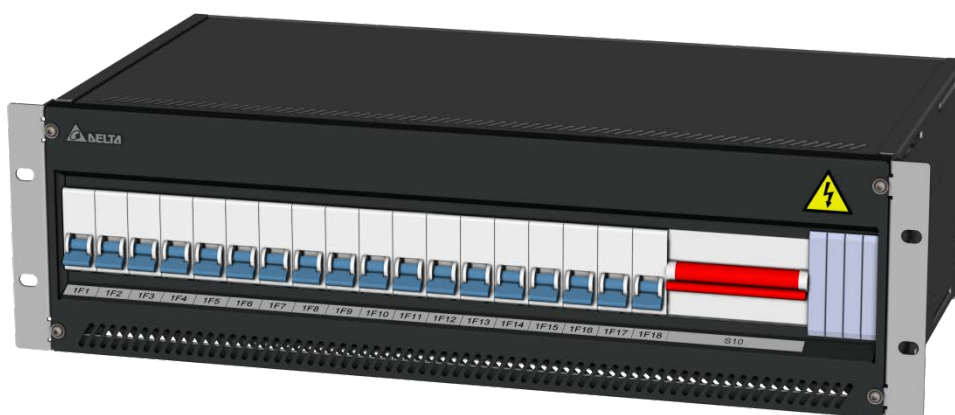
Modular, flexible configurations of the devices

Applications

Wireless applications, network base stations, LTE

Fixed line applications, broadband services

Transmission



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Technical specifications

Design	Open frame design, for installation on 19" or 21" standard supporters
Material	Galvanized steel (HDG or AluZinc)
Finish (front)	Polyester Powder Paint RAL7021
Cooling	Natural convention (no fans, no air filter)
Basic space for installation (max.)	24 modules (19") and 27 modules (21")
Height (overall)	133 mm (3U)
Width (overall)	480 mm (19")
Depth (overall)	190 mm
Weight	5-6 kg

Optional DC panel features	
Voltage range	20 - 60 V _{dc}
Current	300 A
Load fuse brand	GE, Nader or Schneider
Load fuse range	2 – 63 A, 80 – 100 A (2P63) and 120 – 150 A (3P63)
Load fuse alarm	Optional
Partial load disconnecter	Optional
Bus bar configurations	19IN: 24P, PL18P+NPL6P, NPL9P+PL15P, NPL9P+PL9P+NPL6P, PL18P+AC6P, PL9P+NPL9P+AC6P, AC9P+PL15P, AC9P+PL9P+NPL6P (or AC 24P) 21IN: PL27P, PL18P+NPL9P, NPL9P+PL18P, NPL9P+PL9P+NPL9P, PL18P+AC9P, PL9P+NPL9P+AC9P (or AC27P)

Optional AC panel features	
Nominal voltage	3 x 230 V _{RMS} (L-N)
AC input	Main switch 4P 63 A Terminals 3L/N/PE
Overvoltage protection	Optional
Rectifier pre-fuse kit	5 x DPR 2400B-48 3 x DPR 2900B-48 5 x DPR 2900B-48 6 x DPR 2900B-48 5 x DPR 4000B-48/60
1-phase AC output devices	Type E/F socket with RCD, RCD B-curve 4 – 40 A, DPN B-curve 4 – 40 A

Others	
Operating temperature	-45 - +65 °C
Humidity (relative)	95 % max, non cond.
Environment standard	ETSI EN 300 019-1-3
Safety standard	IEC 60950
EMC standard	EN 300 386
Noise	0 dB (A) No active components

Ordering	
Part number	3799374500
Description	DAPD 19IN/21IN 3U

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