

Pathway Crossover Guide for Fresco[®] DXT

DXT/DXR/NSBVN



How to Specify PWSA vs DXT Assemblies

What is New and Different

PWSA offers an additional (Horizontal) DIN rail configuration for both Small and Medium
VIA5 has been replaced with VIA8 (8-port Gigabit Ethernet) or VIA16 (16-port 10/100 Ethernet)

PWSA requires the selection of a power supply

- 50W 24VDC: Standard if neither 48V nor additional power is needed
- 100W 24VDC: Used with architectural gateway cards
- 100W 48VDC: Used with VIA Ethernet Switch

Includes additional DIN Card options

- VIA8/VIA16 Ethernet Switches
- CLK Vignette Clock
- REPHUB3 3-port DMX/RDM Merger
- NFP Network Fade Processor (ASCI control over UDP)
- A2D 24-channel Analog to Digital



DXT to PWSA System Assemblies

Example Old → New Conversions

DXT 1M04 2M09 3M09 NE1L →
PWSA 50W 24VDC MED VER 1D2A 2REPRDM4 3RDPRDM4

DXT 1VIA5 2M04 NE1L →
PWSA 100W 48VDC MED VER 1VIA8 2PP4



DXT to PWSA Component Crossover

DXT Nomenclature	Pathway Nomenclature	Description
M02	REP4	DMX Repeater 4-port, DMX Only (4.5")
M03	CC	12 Contact Closure Relay (8")
M04	D2A	16 Channel Demultiplexer (6.25")
M08	PWM4A	6 Channel Pulse Width Modulation 4 Amps DC Dimmer (8")
M09	REPRDM4	DMX Repeater 4-port, E1.20 RDM Compliant (6.25")
M11	PP1	Pathport 1-port (4.5")
M12	PP2	Pathport 2-port (4.5")
M14	PP4	Pathport 4-port (8")
M16	REPHUB8	DMX Repeater 8-port, Merge, Priority, HTP, and Hub, RDM Compliant (8")
VIA5	*VIA8 or VIA16	VIA [8-port/16-port], Empty SFP/SFP+ Slots, PoE Enabled ([6.25"/8"])
VIA5F	*VIA8 or VIA16	VIA [8-port/16-port], Empty SFP/SFP+ Slots, PoE Enabled ([6.25"/8"])
ARC	N	NSB Architectural Gateway (4.5")
ARC8	NC8	NSB Architectural Gateway w 8 Contact Closures (6.25")
ARC16	NC16	NSB Architectural Gateway w 16 Contact Closures (8")
ARCVN	V	Vignette Architectural Gateway (4.5")
ARCVN2	VD2	Vignette Architectural Gateway w 2 DMX (6.25")
ARCVN2CC8	VD2C8	Vignette Architectural Gateway w 2 DMX & 8 Contact Closures (8")
ARCVNCC16	VC16	Vignette Architectural Gateway w 16 Contact Closures (8")
ARCVN2E	VE	Vignette Architectural Gateway w Secondary Ethernet (6.25")

DXT to PWSA Size Crossover

Small (S) → Small (SML)

Large (L) → Medium (MED) **Physical size didn't change*

DXT Nomenclature	Pathway Nomenclature	Description
NE1S	SML VER	Small DIN Enclosure, 10" x 13" x 4.5", Vertical Rail
NE1L	MED VER	Medium DIN Enclosure, 10" x 23" x 4.5", Vertical Rail



DXT to Individual DIN Card Crossover

DXT Nomenclature	Pathway Nomenclature	Description
DXT M02	PWREP DIN P4 NONRDM	DMX Repeater 4-port, DMX Only (4.5")
DXT M03	PWINF DIN CC	12 Contact Closure Relay (8")
DXT M04	PWINF DIN D2A	16 Channel Demultiplexer (6.25")
DXT M08	PWINF DIN PWM4A	6 Channel Pulse Width Modulation 4 Amps DC Dimmer (8")
DXT M09	PWREP DIN P4 RDM	DMX Repeater 4-port, E1.20 RDM Compliant (6.25")
DXT M11	PWPP DIN P1	Pathport 1-port (4.5")
DXT M12	PWPP DIN P2	Pathport 2-port (4.5")
DXT M14	PWPP DIN P4	Pathport 4-port (8")
DXT M16	PWREP DIN P8 RDMHUB	DMX Repeater 8-port, Merge, Priority, HTP, and Hub, RDM Compliant (8")
DXT VIA5	*PWVIA DIN [P8/P16] RJ45 SFPSLOT POE	VIA [8-port/16-port], Empty SFP/SFP+ Slots, PoE Enabled ([6.25"/8"])
DXT VIA5F	*PWVIA DIN [P8/P16] RJ45 SFPSLOT POE	VIA [8-port/16-port], Empty SFP/SFP+ Slots, PoE Enabled ([6.25"/8"])
DXT ARC	PWGW DIN N	NSB Architectural Gateway (4.5")
DXT ARC8	PWGW DIN NC8	NSB Architectural Gateway w 8 Contact Closures (6.25")
DXT ARC16	PWGW DIN NC16	NSB Architectural Gateway w 16 Contact Closures (8")
DXT ARCVN	PWGW DIN V	Vignette Architectural Gateway (4.5")
DXT ARCVN2	PWGW DIN VD2	Vignette Architectural Gateway w 2 DMX (6.25")
DXT ARCVN2CC8	PWGW DIN VD2C8	Vignette Architectural Gateway w 2 DMX & 8 Contact Closures (8")
DXT ARCVNCC16	PWGW DIN VC16	Vignette Architectural Gateway w 16 Contact Closures (8")
DXT ARCVN2E	PWGW DIN VE	Vignette Architectural Gateway w Secondary Ethernet (6.25")

Specific Crossovers - Empty Enclosures

Small (S) → Small (SML)

Large (L) → Medium (MED) **Physical size didn't change*

DXT 0M NE1S → PWENC SML VER

DXT 0M NE1L → PWENC MED VER



Specific Crossovers

DMX or DMX/RDM Repeaters

DXT 1M02 NE1S → PWREP WM P4 TERM NONRDM SML

DXT 1M02 2M02 NE1S → PWREP WM P8 TERM NONRDM SML

DXT 1M02 2M02 3M02 NE1L → PWREP WM P12 TERM NONRDM MED

DXT 1M02 2M02 3M02 4M02 NE1L → PWREP WM P16 TERM NONRDM MED

DXT 1M09 NE1S → PWREP WM P4 TERM RDM SML

DXT 1M09 2M09 NE1L → PWREP WM P8 TERM RDM MED

DXT 1M09 2M09 3M09 NE1L → PWREP WM P12 TERM RDM MED



Specific Crossovers

SNAP Relay Panels

DXT LPDD8 → PWRLY R8

DXT LPDD16 → PWRLY R16



Specific Crossovers

Accessories

DXT IDC CONN5 → PWCON SPARE IDC5 Q4

DXTREPL PS24V → PWPWR DIN TERM 50W 24VDC

DXTREPL PS48V → PWPWR DIN TERM 100W 48VDC

DXTREPL DCDC → PWPWR DIN TERM 20W 48TO24VDC

DXT LPDD RNCL → PWACC R1NC



DXR Faceplates

DXR FP1 [BK/WH/STS] → PWFP G1 [BL/WH/SS]

DXR FP2 [BK/WH/STS] → PWFP G2 [BL/WH/SS]

DXR FP3 [BK/WH/STS] → PWFP G3 [BL/WH/SS]

DXR FP4 [BK/WH/STS] → PWFP G4 [BL/WH/SS]

DXR FP5 [BK/WH/STS] → PWFP G5 [BL/WH/SS]

DXR FP6 [BK/WH/STS] → PWFP G6 [BL/WH/SS]



DXR Data Receptacle

DXR BNK [BK/WH/STS] → PWINS BLANK [BL/WH/SS]

DXR MX [BK/WH/STS] → PWINS XLR5M CSC5 [BL/WH/SS]

DXR FX [BK/WH/STS] → PWINS XLR5F CSC5 [BL/WH/SS]

DXR ENET [BK/WH/STS] → PWINS RJ45EC PD [BL/WH/SS]

DXR 2ENET [BK/WH/STS] → PWINS RJ45EC 2RJ45EC PD 2PD [BL/WH/SS]

DXR MFX [BK/WH/STS] → PWINS XLR5M 2XLR5F CSC5 2CSC5 [BL/WH/SS]

DXR FFX [BK/WH/STS] → PWINS XLR5F 2XLR5F CSC5 2CSC5 [BL/WH/SS]

DXR MMX [BK/WH/STS] → PWINS XLR5M 2XLR5M CSC5 2CSC5 [BL/WH/SS]

DXR MENET [BK/WH/STS] → PWINS XLR5M 2RJ45EC CSC5 2PD [BL/WH/SS]

DXR FENET [BK/WH/STS] → PWINS XLR5F 2RJ45EC CSC5 2PD [BL/WH/SS]

**Note: there are now additional rear connection types (IDC5 and RJ45R)*



NSVBN to PWWSK Vignette Buttons/Sliders

Example Old → New Conversions

NSBVN 4GNG 1BT4 2SL2 3SL2 4SL1 POE WH →
PWWSK VPOE G4 1B4 2S2 3S2 4S1 WH

NSBVN 3GNG 1BT4 2SL2 3SL1 POE BK →
PWWSK VPOE G3 1B4 2S2 3S1 BL



NSVBN to PWWSK Vignette Buttons/Sliders

Series

NSBVN Nomenclature	Pathway Nomenclature	Description
NSBVN	PWWSK	Pathway Wall Station Kit
NSBVNM...[POE/NSB485]	PWWSI [POE/V485]	Pathway Wall Station Inserts, [Vignette PoE (Power-over-Ethernet)/Vignette 485] Master Insert
NSBI	PWWSI LOC	Pathway Wall Station Inserts, Local Insert

Size/Number of Gangs

NSBVN Nomenclature	Pathway Nomenclature	Description
1GNG	G1	Single-gang faceplate
2GNG	G2	Double-gang faceplate
3GNG	G3	Three-gang faceplate
4GNG	G4	Four-gang faceplate
5GNG	G5	Five-gang faceplate
6GNG	G6	Six-gang faceplate

NSBVN to PWWSK Vignette Buttons/Sliders

Wall Station/Module

NSBVN Nomenclature	Pathway Nomenclature	Description
BT2	B2	2 Buttons
BT4	B4	4 Buttons
SL1	S1	Single Slider
SL2	S2	Dual Sliders
[N/A]	S3	Triple Sliders

Network/Control Interface Type

NSBVN Nomenclature	Pathway Nomenclature	Description
POE	VPOE	Vignette PoE (Power-over-Ethernet)
NSB485	V485	Vignette 485

Color

NSBVN Nomenclature	Pathway Nomenclature	Description
BK	BL	Matte Black
WH	WH	White