

Digitrax Power Management Specification Sheet

PM4 Power Manager



Amperage	3 Amps min to 12 amps
Interface	44 Pin Connector
External Power	Yes, (PS14)
Ability to work on non Digitrax Layouts	Yes
Adjustable Short Circuit Management	Yes, Slow, regular, faster or fastest
Power Management	Yes, Up to 4 Sub-Districts
Automatic Reversing	Yes, Up to 4
Mix between Power Management and Automatic Reversing	No

Prod Date	2000	Discontinued	2002	Replaced By	PM42
MSRP	US\$	Size	4.25" x 4.5" x 0.8"	SKU	

Table III: PM42 Trip Current Settings OpSws

OpSw	Setting	Setting	Setting	Setting
OpSw 01	t	c	t	c
OpSw 02	t	t	c	c
<i>Trip Current (approx..)</i>	<i>3 amps</i>	<i>6 amps</i>	<i>9 amps</i>	<i>12 amps</i>

Table IV: PM42 Short circuit Sensitivity Settings

PM42 Section 1	OPSW 05	SLOW 1 c=SLOW fault detection time (approx. ½ second) for PM4 Section 1*
	OPSW 06	AUTOREV 1 c= PM4 Section 1 set up for Auto-reversing (connect Rail A, Pins E & 5, connect Rail B, Pins F & 6 on 44-pin connector)
Trip Current Adjustment	OPSW 09	Reduce trip current by 1.5A from the value set by OPSW 01 & 02
PM42 Section 2	OPSW 13	SLOW 2 c=SLOW fault detection time (approx. ½ second) for PM4 Section 2*
	OPSW 14	AUTOREV 2 c= PM4 Section 2 set up for Auto-reversing (connect Rail A, Pins K & 9, connect Rail B, Pins l & 10 on 44-pin connector)
PM42 Section 3	OPSW 21	SLOW 3 c=SLOW fault detection time (approx. ½ second) for PM4 Section 3 *
	OPSW 22	AUTOREV 3 c= PM4 Section 3 set up for Auto-reversing (connect Rail A, Pins P & 13, connect Rail B, Pins R & 14 on 44-pin connector)
PM42 Section 4	OPSW 29	SLOW 4 c=SLOW fault detection time (approx. ½ second) for PM4 Section 4*
	OPSW 30	AUTOREV 4 c= PM4 Section 4 set up for Auto-reversing (connect Rail A, Pins U & 17, connect Rail B, Pins V & 18 on 44-pin connector)

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