

Eckert Engineering

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Building Fine Märklin HO Gauge Layouts
in Conventional or Digital Formats

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To all *EE* Digital Customers:

714.doc

Eckert Engineering builds digital power supplies for Märklin Digital HO. Our new Model **EE-300D** satisfies large sized digital layouts. This unit has both the transformer AND the booster incorporated into 1 package.

Model **EE-300D** Digital Power Supply **\$770.00** (with 8 Channel Digital Power Distribution Panel)

- *EE-300D* has true 300 watts of digital power.
- Power is distributed via an 8 Channel Digital Power Distribution Panel. Each channel rated for 50, 65, or 100 watts (VAs) of power.
- Each channel equipped with Polyswitch Circuit breaker protection
- **An 16 VAC 40 Watt circuit of conventional power for the IB, 6020, or 6021 CU**
- Overall Power Supply Description:
 - Handsome metal case, grounded
 - Internal cooling fans
 - On-Off switch on mains line
 - Fuse protection on 110/220 Volt mains
 - Circuits are “polarized” with each other, and share common ground
 - Clearly marked output terminal strips
 - For USA or European use
 - Not UL listed

The Model <i>EE-300D</i>, is valued priced compared to digital power from Märklin.				
Brand/Model	List Price/ Street Price	Number of Circuits	Power Per Circuit	Total Street Price for 300 VA
Model <i>EE-300D</i>		8	300 VA total	\$770
Märklin 6001 + Märklin 6017	\$168 / \$118 \$252 / \$176	7	42 VA each 294 VA total	\$2,100

Digital power supplied by EE is only 36% of Marklin’s street price for digital power.

Plus the EE-300D:

- has less wiring, (1 power box and 1 control panel instead of 14 Marklin boxes)
- offers more independent channels of digital power (8 instead of 7)
- offers more total digital power (300 watts instead of 294 watts)
- offers green/red indicator LEDs showing circuit faulting condition
- has a regulated voltage supply (and Marklin does not)

PLUS, The EE-300D has a 16VAC, 40-watt conventional power supply to power your 6020 or 6021 Central Unit, or your Intellibox (IB) unit.

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Digital Power Distribution Panel Options:

Number of Channels	Wattage of Channels	Option Price	Total Package Price
8	50W - 4ea, 65W - 2ea, 100W - 2ea	No additional cost	\$770
12	50W - 6ea, 65W - 4ea, 100W - 2ea	\$75	\$845
16	50W - 8ea, 65W - 5ea, 100W - 3ea	\$125	\$895

If a custom designed (or labeled) Digital Power Distribution Panel is desired, add \$45 to the above total package price.

Figures 1, 2, and 3 show a template picture of the 8 channel, 12 channel, and 16 channel Digital Power Distribution Panel respectively. Figure 4 shows a template picture of a 16 channel panel with custom labeling.

Shipping is extra, UPS Ground, each unit weights about 32 lbs.

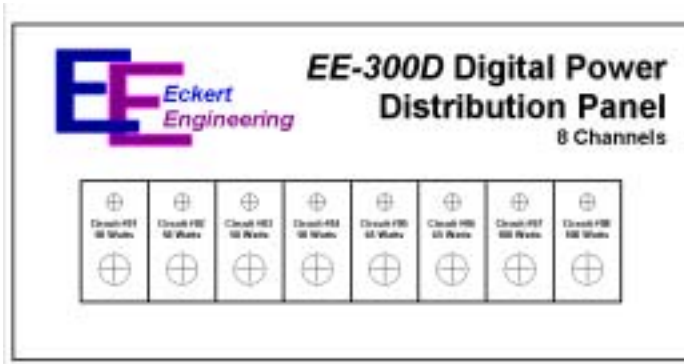


Figure 1, Standard 8 Channel DPDP

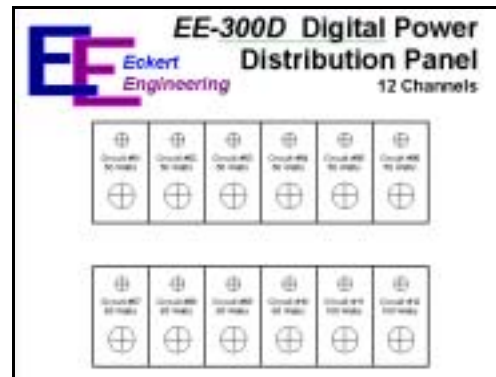


Figure 2, Optional 12 Channel DPDP

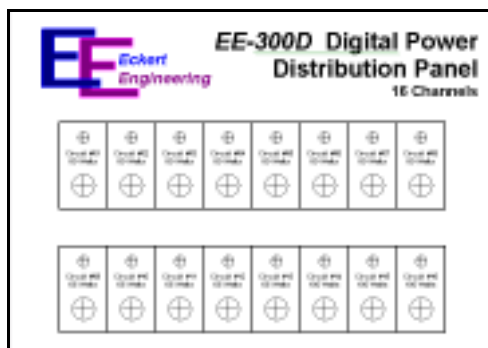


Figure 3, Optional 16 Channel DPDP

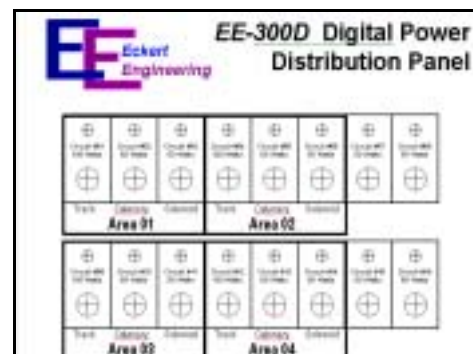


Figure 4, Optional 16 Channel DPDP with Custom Labeling