

DRM40 Series

20-40A DIN Rail Redundancy Module



Features	Benefits
• Compact Size	• Consumes less space on the DIN rail
• Low 200mV Voltage Drop	• Reduced voltage drop and power loss
• Current Balance Indicator Option	• Easier to ensure load sharing
• Isolated Alarm Signals	• Enables remote fault monitoring

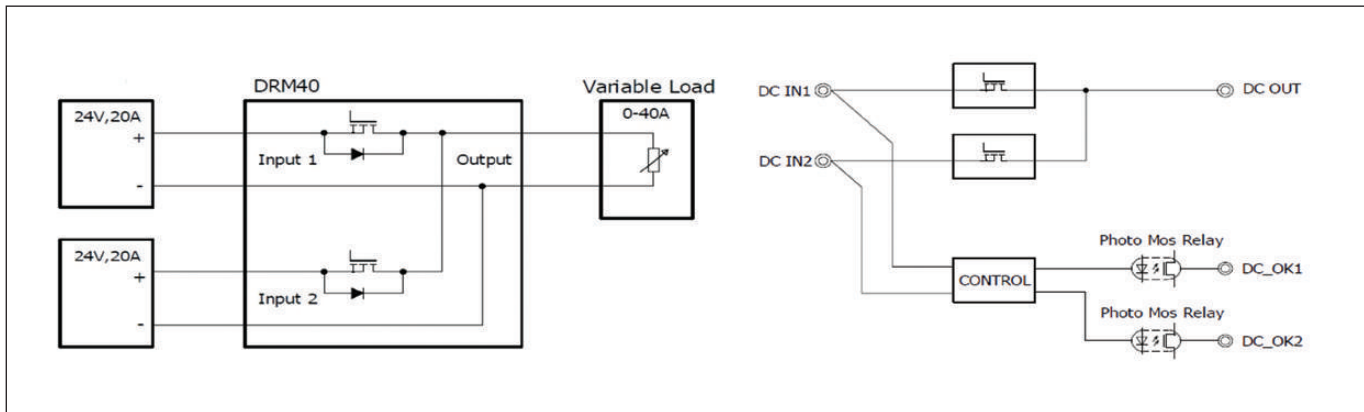
Specification		DRM40	DRM40B
Input Voltage Range	VDC	10 - 30VDC	
Number of inputs	-	Two	
Maximum Input Current	A	2 x 20A, total 60A peak	
Peak Input Current	A	2 x 30A for 4s maximum, 0.35 duty cycle	
Maximum Output Current	A	40A	
Internal Power Loss (typ)	W	8W at 40A	
Input to Output Voltage Drop	VDC	0.2V at 40A	
Maximum Reverse Voltage	VDC	40VDC	
Overcurrent protection	-	None	
Overvoltage protection	-	None	
Operating Temperature	°C	-40 to +70°C standard mounting orientation	
Storage Temperature	°C	-40 to +85°C	
Humidity	%RH	5 - 95%RH operating and storage (non condensing)	
Cooling	-	Convection	
Output Good Indicators	-	Two green LEDs indicating each input is "good"	None
Current Balance Indicators	-	Green LED indicates balanced current	None
Input Voltage Alarms	-	Opto-isolated relays are off when input is below threshold	None
Withstand Voltage	VDC	Input or Output - Chassis 707VDC for 1 minute	
Isolation Resistance	MΩ	Input or Output - Chassis >100MΩ at 25°C, 70%RH and 500VDC	
Vibration	-	None operating, 10 - 55Hz (sweep for 1min), 19.6m/s ² (2G) Constant, X, Y, Z 1hour each	
Shock	-	<196m/s ² (20G)	
Safety Agency Approval	-	IEC/EN/UL60950-1, IEC/EN/UL62368-1, UL508, CE Mark	
Size W x D x H)	mm	35 x 125 x 124	
Weight	g	330	
Warranty	Yrs	5	

Note: See Installation Manual for full details, test methods of parameters and application notes

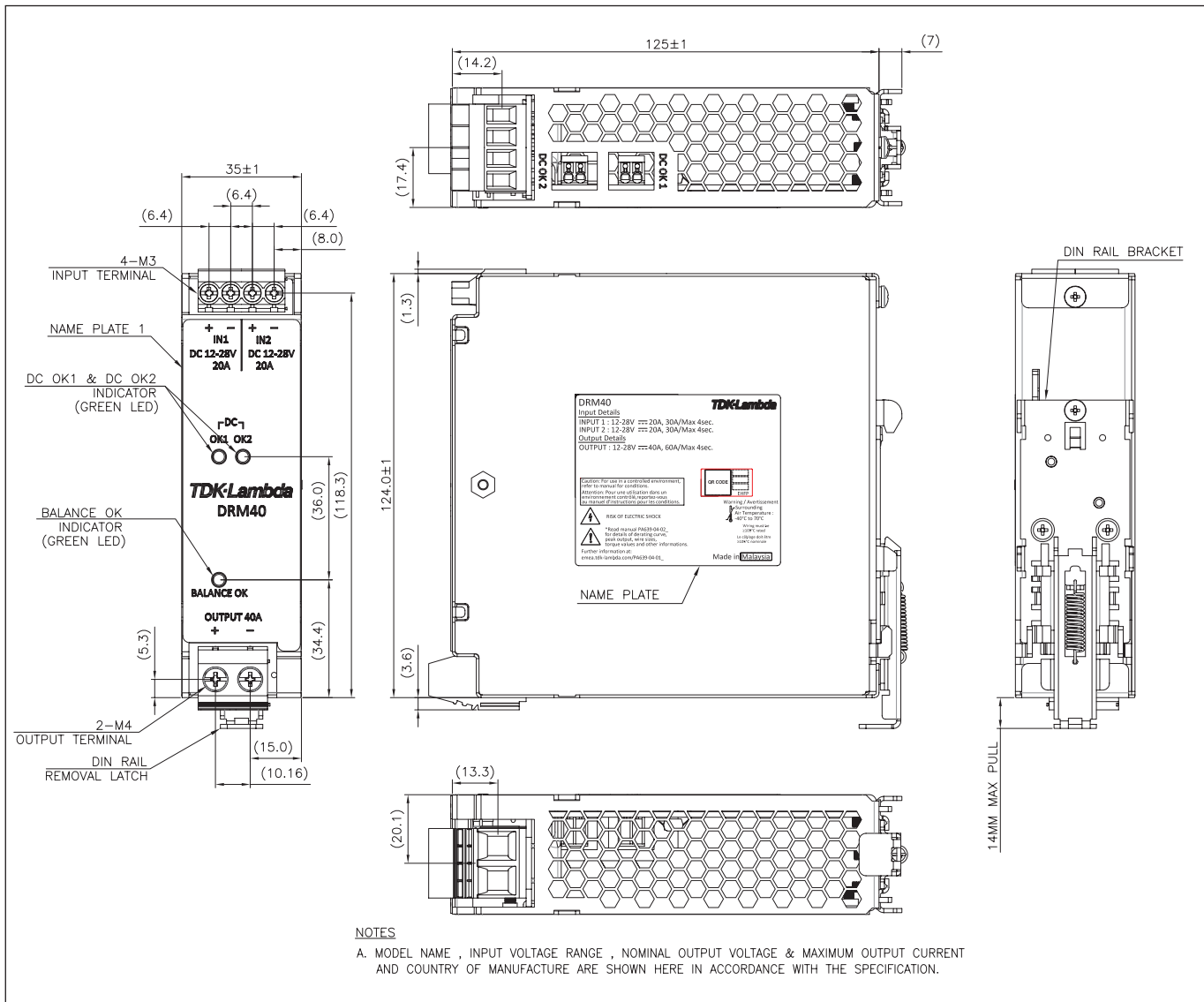
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Block Diagrams DRM40 Series



Outline Drawing DRM40 Series



DRM40 Series

20-40A DIN Rail Redundancy Module

Outline Drawing DRM40B Series

