



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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This module contains two diodes for redundant operation of two power supplies. In case a power supply fails and becomes short circuit at the output it will be isolated from the second power supply which still supplies the load. In normal operation the output current is shared between the power supplies as far as they are adjusted to the same output voltage level. There is no active current sharing and connected power supplies are «hot swapable» by qualified personnel. For supervision the DC-OK signals of the power supplies are to be used, the TSPC-DCM module itself provides no signal output.



Model

Order code	Input voltage	Input current	Max. reverse Voltage	Internal power loss (typ at 24 VDC)	Voltage drop across the diodes
TSPC-DCM600	5 – 28 VDC (24 VDC nom.)	20 mA min. 25 A max.	35 VDC	0.5 W at no load 28.8 W at full load	0.75 VDC typ. 1.2 VDC max.

Specifications

Temperature range	– Operating	–25°C to +70°C max.
Degree of protection		IP 20 (IEC/EN 60529)
Reliability, calculated MTBF at +25°C acc. to IEC 61709		>123 Mio h
Safety standards	<ul style="list-style-type: none"> – Information technology equipment – Industrial control equipment – Electrical equipment for machines – Electronic equipment for power installation – Safety transformers for SMPS – Control equipment for hazardous location 	IEC/EN 60950-1, UL 60950-1, CSA 22.2 No 60950-1-07 UL 508, CSA-C22.2 No. 107 EN 60204-1 EN 50178 EN 61558-2-7 IEC/EN 60079-15 II3G EX nA IIC T4
Safety approvals	<ul style="list-style-type: none"> – CSA certification – CB test certificate IEC 60950-1 (SIQ for EN) 	www.tracopower.com/products/tspc-dcm-csa.pdf www.tracopower.com/products/tspc-dcm-cb.pdf
Safety and installation instruction		www.tracopower.com/products/tspc-dcm-inst.pdf

Block diagrams



