

SERIES 3 PC CARD DATA TRANSFER UNITS



Rugged, Compact DTUs: SCSI, Serial or USB Interface



Internal Mount



DZUS Rail Panel Mount



Desktop Unit



Targa's PC Card Data Transfer Units (DTU) provide a compact self-contained system to store and retrieve data from industry standard PCMCIA/ATA cards and have been qualified to meet the most demanding MIL-STD-810 and RTCA DO-160 environments.

- PC Cards (ATA) capacities: up to 32 GB
- Small, lightweight, rugged construction providing reliable data storage
- Access door with door open detect and PC card shutdown
- Interfaces: SCSI-2; 8 bit single ended
Serial RS422/485 and RS232
USB 2.0 mass storage device/bulk transport
- Input power: +28V DC, with 20 msec holdup or +5V DC
- Mounting: Panel mount (DZUS) per MS25212C at K=4
Internal mount – 3 1/2" disk form factor

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MODEL NUMBERS

SCSI	INTERFACE		OPTIONS			UNIT MOUNTING
	SERIAL RS-422/485 RS-232	USB	POWER +24V DC	POWER +5V DC	LED INDICATORS	
DR30-10-2	DR30-20-2	DR30-40-2	√	-	-	Panel Mount
DR30-11-2	DR30-21-2	DR30-41-2	-	√	-	
DR32-10-2	DR32-20-2	DR32-40-2	√	-	√	
DR32-11-2	DR32-21-2	DR32-41-2	-	√	√	
HS30-10-2	-	HS30-40-2	-	√	√	Hard Mount
HS32-10-2	-	HS32-40-2	-	√	√	
DR39-10-0	-	DR39-40-0	110 – 220V AC		√	Desktop

	SCSI	Serial	USB
Bus Speed	5 MB/sec	9600 – 230 Kbaud	USB 2.0
Data Reads	> 850 KB/sec	Protocol Dependent	10 MB/sec
Data Writes	> 750 KB/sec	Protocol Dependent	10 MB/sec

	Panel Mount DR3x-yy-2	Internal Mount HS3x-yy-2
Physical	Form Factor: Per MS25221C K=4 Unit Case: 1.4" H x 5v W x 6.5" D Front Panel: 1.5" H x 5.75" W	1.4" H x 4.25" W x 5.5" D
Input Power	+28V DC RTCA-D0-160 Cat Z 4 W max	RTCA-D0-160 Cat Z
Weight	825 g	525 g

ENVIRONMENTAL

Temperature	Operating -40 °C to +75° C Storage -55° C to +85° C	MIL-STD-810E, Method 501.3 MIL-STD-810E, Method 502.3
Altitude	50,000 ft	MIL-STD-810E, Method 500.3
Humidity	10–100% condensing	RTCA/DO-160D, Sec 6, Cat B
Shock	Operating 40 g, 11 msec, ½ sine	RTCA/DO-160D, Sec 7 (modified) and MIL-STD-810E, Method 516.4
Vibration	PSD 0.04 g ² /Hz, 5 -2000 Hz	MIL-STD-810E, Method 514.4, Cat 10
Explosive Atm	RTCA DO/160D, Sec 9, Cat E	
Waterproofness	RTCA DO/160D, Sec 10, Cat W	
Sand & Dust	RTCA DO/160D, Sec 12, Cat D	
Fungus	RTCA DO/160D, Sec 13, Cat F	
Salt Spray	RTCA/DO-160D, Sec 14, Cat S	
EMI	MIL-STD-461/462 RTCA/DO-160C	CE01, CE03, CE07, CS01, CS02, CS06, RE01, RE02, RS01, RS02, RS03 Sec 15, Cat A; Sec 17, Cat A; Sec 18, Cat B Sec 19, Cat Z; Sec 20, Cat Y; Sec 21, Cat Z

MORE TARGA SOLUTIONS

Targa's solid-state storage solutions are available in a wide range of form factors and interfaces:

- PC Card DTUs
Serial, SCSI;
Ethernet, USB
- USB Flash Disks 3.5"
- Removable Disk Systems:
Ethernet, SATA, USB

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