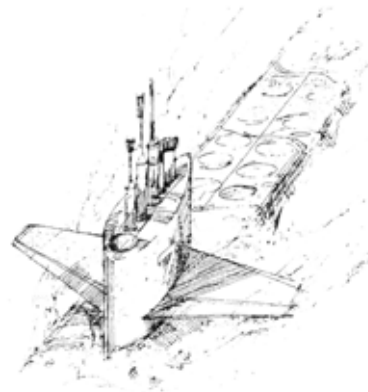


Targa PC Card Data Transfer Units Panel Mount or Internal Mount



Overview

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
- Locking access door with door open detect & 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 +28 V_{dc}, with 20 msec holdup or +5 V_{dc}
- Mounting Panel Mount (DZUS) per MS25212C at K=4
 Internal Mount – 3 ½" disk form factor



Internal Mount



Panel Mount

Model Numbers

Interface		Options			Unit Mounting	
SCSI	Serial RS-422/485 RS-232	USB	Power			
			+24 V _{dc}	+5 V _{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	-	•	-	Internal Mount
HS32-10-2	-	HS32-40-2	-	•	•	
DR39-10-0	-	DR39-40-0	110 – 220 V _{ac}		•	Desktop



Desktop Unit



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Targa's Solid State Storage Solutions are available in a wide range of form factors and interfaces.

- VME SCSI, ATA, I/O 6U, single slot
- CPCI USB, SCSI 6U & 3U
- PC Card DTU's Serial, SCSI; MIL-STD1553, Ethernet, USB
- USB Flash Disks 3.5"
- Removable Disk Systems 3.5" and 2.5"

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Targa PC Card DTU Specifications

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

Panel Mount Units DR3x-yy-2

Input Power	+28Vdc		RTCA-DO-160 Cat Z 4w max
Physical	Form factor	Per MS25221C K=4	
	Unit case	1.4"H x 5"W x 6.5"D	
	Front Panel	1.5"H x 5.75"W	
Weight	825 g		

Internal Mount Units HS3x-yy-2

Input Power	+5 V _{dc} 4w max		
Physical	1.4"H x 4.25"W x 5.5"D		
Weight	525 g		

Environmental

Temperature	Operating	-40°C to +75°C	MIL-STD-810E, Method 501.3
	Storage	-55°C to +85°C	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	40g, 11msec, ½sine	RTCA/DO-160D, Sec. 7 (Modified) & MIL-STD-810E, Method 516.4
Vibration	PSD	0.04 g ² /Hz, 5 - 2000 Hz	MIL-STD-810E, Method 514.4, Cat10
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	CE01, CE03, CE07, CS01, CS02, CS06, RE01, RE02, RS01, RS02, RS03	
	RTCA/DO-160C	Sec. 15, Cat A; Sec. 17, Cat. A; Sec. 18, Cat. B Sec. 19, Cat. Z; Sec. 20, Cat. Y; Sec. 21, Cat Z	

Specifications are subject to change without notice.

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