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Find the *Astronics / EADS / Racal 1255A* at our website: ***Click HERE***

Low Cost Automatic Switch System Model 1255/1255A



- **Holds Up to Four VXIbus C-Sized 1260 Series Switch Cards**
- **Built-in IEEE-488 and RS-232 Controllers**
- **Significantly Reduces ATE Switching Cost**
- **Maximizes Switch Density**
- **VXI*plug&play* Compatible**

High Performance—Low Cost Switch Systems
Racal Instruments' new Model 1255/1255A Switch System provides four slots for VXIbus C-sized 1260 Series switch modules. The 1255/1255A has all of the necessary interfaces to develop a comprehensive switch system with significant cost savings over traditional implementations. The 1255/1255A takes advantage of the density offered by C-sized VXIbus switch cards while significantly reducing cost by eliminating VXIbus mainframes and controllers.

GPIB and RS-232 Control
The 1255/1255A comes complete with both an internal IEEE-STD-488 and RS-232 interface. The included VXI*plug&play* compliant drivers make it an easy addition to any system. It provides a message-based interface that controls multiple 1260 Series switch cards via the VXI local bus.

1260 Series Switch Family Compatibility
As with all 1260 Series switches, the local bus is used to transmit control signals from the controller to all 1260 cards in the chassis. This control method permits access to many powerful control features including non-volatile memory for storing relay configurations for fast, easy setup, relay monitoring for confidence checking of all relays and a scan mode for synchronous scanning of multiple test points. The 1255/1255A is part of Racal Instruments' extensive family of VXIbus switching systems which offers modules in configurations ranging from matrices to multiplexers.

For your local Racal Instruments Sales Office see page 173

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

1255/1255A Specifications

ELECTRICAL SPECIFICATIONS

AC Input Voltage
100, 120, 220 or 240VAC ±10%

AC Line Frequency
47 to 66Hz

Max Input Power
150VA max

Host Computer Interface
GPIB and RS-232

ENVIRONMENTAL DATA

(designed to meet MIL-T-28800 Type III, Class 5, Style F)

Temperature Range
Operating: 0°C to 50°C
Storage: -40° to 70°C

Humidity
95% non-condensing

SOFTWARE

WIN Framework VXI*plug&play* compatible disk shipped with instrument contains:
LabWindows/CVI driver
Executable Soft Front Panel
Requires: VISA or VTL 3.0
LabVIEW driver available

MECHANICAL

Dimensions (HxWxD)
5.25" x 16.75" x 15.63"
(133.4mm x 425.5mm x 397.0mm)

Weight
21 lb (9.5 kg)

Rack Mounting
Standard 19" rack mount

1260 SWITCH CARDS SUPPORTED

1255
1260-12
1260-13
1260-14C, 14CMOS (2 cards per chassis max.)
1260-16
1260-17/17A
1260-20
1260-30A/B/C/D
1260-35/35A
1260-37/37A
1260-38
1260-40A/B/C
1260-45A/B/C

1255A
All 1260 Series switch cards.

EMC (Council Directive 89/336/EEC)
EN55011, Group 1 Class A
EN 50082-1, IEC 801-2,3,4

Safety (Low Voltage Directive 73/23/EEC)
EN 61010-1

CE The CE Mark indicates that a product has completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and complies with European electrical safety standards.

ORDERING INFORMATION		
Model	**Description**	**Part Number**
1255	Switch System	407388
1255A	Enhanced Switch System	407604
Opt. 65	Chassis Slides/Rack Mount Kit (for 1255 & 1255A only)	407404
Opt. 71	220/240 Volt Input Fuse	407406
Opt. 04	50Hz Operation	OPT-404131
602248	RS-232 Cable, 10ft (3.05 meter) (1255 & 1255A only)	602248
406844	IEEE-488/GPIB Cable (2 meter)	406844

WORLDWIDE SUPPORT

http://www.racalinst.com

LLOYD'S REGISTER QUALITY ASSURANCE ISO9001

VXI bus

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