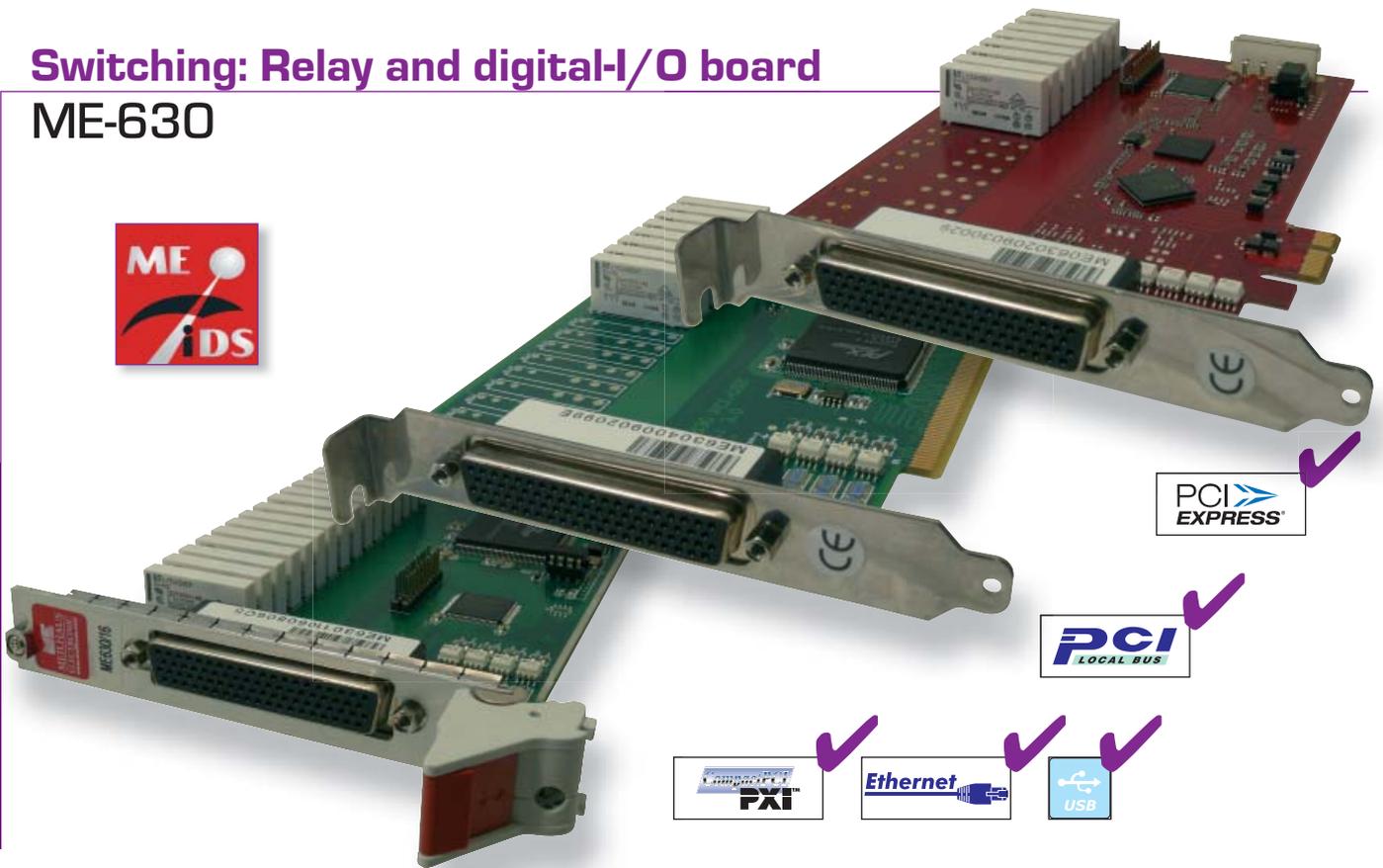


Switching: Relay and digital-I/O board

ME-630



- Relays, opto-isolated and TTL digital channels on one board.
- Changeover relays for signals up to 2 A/30 VAC or DC.
- The versatile multi-channel switching solution for your PC.
- Opto-isolated digital inputs.
- Remote adaption to ethernet/LAN, USB, PCI-Express x1 over cable.

The ME-630 is the allround multi-channel digital boards, as it combines up to 48 channels of relays, digital-I/O and opto-I/O on one board. Use this board to switch signals and higher loads or to monitor digital states.

Specifications

Relais	8 or 16. Type C/changeover; NAIS APE3005 according to EN 60255, EN 60335, EN 60730, EN 60950, EN 60065, EN 50178. Material: Silver, gold plated. Continuous load (25°C): 30 VDC/2 A; 30 VAC/2 A; short time load, single relay: 3.5 A. Max. resistance at 6 VDC/1 A: 30 mΩ. Mech. life expectancy at 180 cpm 5x 10 ⁶
Interrupt input	2, TTL, opto-isolated on version "O"
Opto inputs	8. Version "O": 16. Level 24 V. Isolation voltage 500 VDC; max. 1 kHz transmission rate
Digital inputs	8. Version "O": None. Level low: -0.5...+0.8 V; high: +2.0...5.5 V
Digital-I/O	16 TTL (2x 8 bit ports), each port programmable as input or output
Bus interface	PCI-Express or PCI or 3 U CompactPCI (compatible with PXI)
Size (mm)	PCI-Express: 111 x 168; PCI: 174 x 98; CompactPCI: 160 x 100
Connectors	78-pin D-sub female, 20-pin pinfield on board (incl. ribbon cable with 25-pin D-sub female and slot bracket; occupies an additional PC slot)
Software	Included: Driver system ME-iDS. ME-PowerLab ³ for Windows. User manual (PDF - English and German)
Included	Board, CD with software and PDF user manual, D-sub mating plug, ME AK-D25F/S

Model overview

(for a list of the available standard models see our website!)

Model	Relays	Opto in	Digital in	Digital-I/O	Interrupt in
ME-630/8	8	8	8	16	2, TTL
ME-630/16	16	8	8	16	2, TTL
ME-630/16-0 ¹⁾	16	16	-	16	2, opto-isolated

1) Currently available for PCI-Express only.



More information and accessories:
www.meilhaus.com/go/enme-630