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Find the *Kontron / AP Labs FS-8718* at our website: ***Click HERE***

» FS-8718 «



FS-8718 Rugged Chassis 18-slot 8U VME (with Dog House Option)

» 8U VME card cages with up to 18 slots, monolithic backplane

» 800 Watts PFC power supply standard; other values can be specified

» Cooling can be custom configured: front to rear, or side to rear

» Tested to meet shock & vibration requirements of MIL-STD-810E, method 514.4 (categories 1,4,5,6,8) MIL-STD-910D & MIL-STD-167/1

FS-8718 Rugged Chassis

18-slot 8U VME (with Dog House Option)

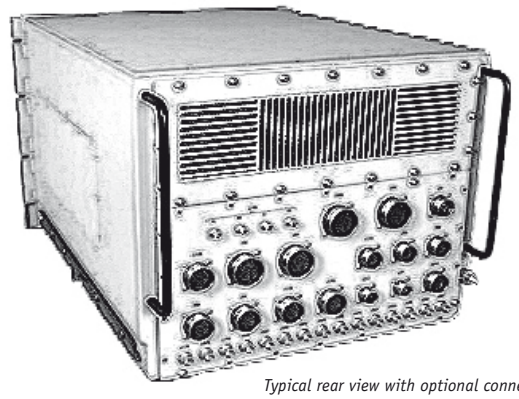
The Kontron FS-8718 with dog house option is a ruggedized 18-slot, 8U VME enclosure.

The FS-8718 was designed with dog house option to meet MIL-STD-810E, MIL-STD-901D, and MIL-STD-167/1 shock and vibration specifications for severe environments, as well as MIL-STD-461C for EMI specifications.

A hinged front door provides front loading access to the VME PCBs. An optional security interlock can be provided on the front door and all other panels are then non-removable without first opening the front panel. The rear I/O panel can be custom configured for the intended application.

Cooling is front to rear as standard, and can be optionally configured for front to side or side to side. Thermal monitoring and control are available as an option. The enclosure comes in a rack-mount or desktop configuration and can be provided without internal shock mounts and EMI hardware.

REAR VIEW



Typical rear view with optional connectors

Technical Information

Physical Dimensions	
Height	14″
Depth	20″
Width	19″
Weight	60lbs. (typical)
Mechanical	.090″ Seam Welded Aluminum Alloy Chem-filmed per MIL-C-5541, Class 3 All fastener hardware is stainless steel Hinged front door with access to VME PCBS Blank Rear I/O panel: 8.50″ x 15.75″
Electrical	AC input: 115 or 220 VAC, 47-440 Hz AC draw: 12 Amp maximum MIL circular power connector +5, +12, -12V outputs on DC power supply MIL-STD-461 E AC input EMI filter PVC wiring standard, Teflon or other by custom option
Shock & Vibration	MIL-STD-810E MIL-STD-901D Lightweight hammer MIL-STD-167/1
VMEbus Backplane	12-slots total, monolithic J1/J2 (J0 optional) 6U x 160mm
Front Panel	SYSRESET, SYSFAIL, +5V, +12V, -12V LEDs Reset Switch Power Switch/Circuit Breaker Custom panel layout
Standard Options	S: Rack-mount Slides RE: Remove EMI/RFI RS: Remove shock/vibration isolation TM: Thermal monitoring X: VME 64X backplane XO: VME 64X backplane with J0
Custom Options	Bull Nose Paint & silk screening to customer spec Internal I/O cabling Multiple backplanes Power supply ratings Connectorization of I/O panels Cooling configuration Security interlock DC Power Supply

CORPORATE OFFICES

Europe, Middle East & Africa
Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 279
info@kontron.com

North America
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
info@us.kontron.com

Asia Pacific
17 Building,Block #1,ABP.
188 Southern West 4th Ring Road
Beijing 100070, P.R.China
Tel.: + 86 10 63751188
Fax: + 86 10 83682438
info@kontron.cn

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