

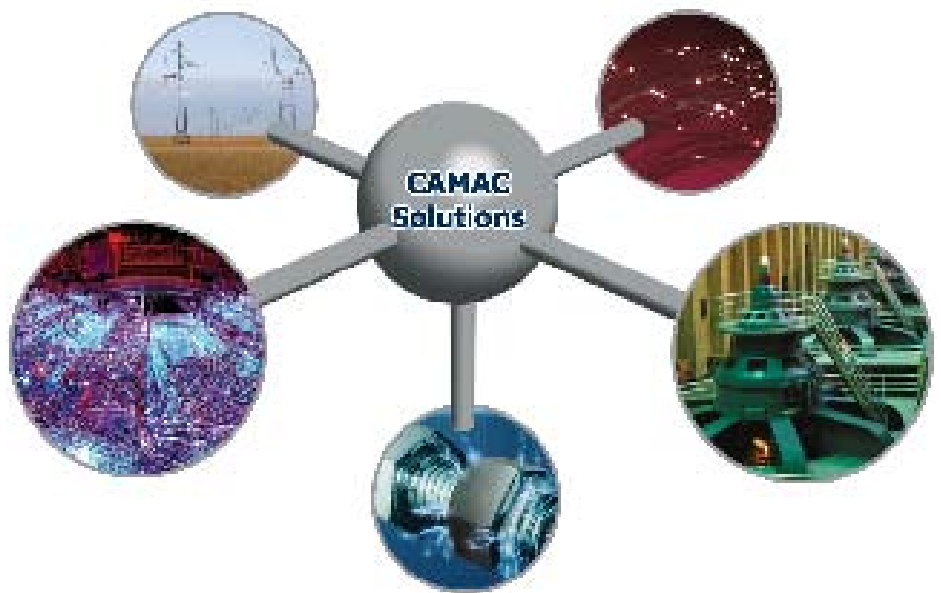
CAMAC Equipment

CAMAC, Computer Automated Measurement And Control, is an IEEE-standard (583), modular, high-performance, realtime data acquisition and control system concept.

Since 1969, CAMAC has been used in many thousands of scientific, industrial, aerospace, and defense test systems around the world.

Connector Kits 5900 Series

A variety of connectors to create your own cables



FEATURES

- Drive 4-20 milliampere current loops
- Ground-connected and Isolated source modules available
- Eight current-loop channels provided on each module
- A 3120 module includes eight D/A converters



5910 TO 5913 LEMO CONNECTOR KITS

The Models 5910 to 5913 are LEMO-type coaxial connectors. They are all plug type, straight-cable connectors. Cables are available with a single-pin LEMO connector at each end. See Model 5857 for complete connector-terminated cables.

SPECIFICATIONS AND ORDERING INFORMATION

Model	Shell Size	Contact Position	Wire Size Max.	Cable Size		Contact Current
				Min.	Max.	
5910-Z1A	00	1	0.6 mm (26 AWG)	1.2 mm (.047")	3.2 mm (.126")	1 Amp
5911-Z1A	0	2	0.8 mm (24 AWG)	1.7 mm (.067")	4.2 mm (.165")	2 Amps
5912-Z1A	0	4	0.6 mm (36 AWG)	1.7 mm (.067")	4.2 mm (.165")	1 Amp
5913-Z1A	1	4	0.8 mm (24 AWG)	1.7 mm (.067")	6.2 mm (.244")	2 Amps

5919 SMB CONNECTOR KIT

The Model 5919 SMB Connector Kit consists of a SMB straight cable connector plug. This connector is configured for crimp connection to RG174/U, 188 or 316 coaxial cable.

5930 TO 5935 "D" CONNECTOR KITS

The Models 5930 to 5935 are "D" type subminiature, rectangular connector kits. Each connector has a solder-type contact termination accommodating up to a 1.0 millimeter (#20 AWG) stranded wire with a current rating of five amperes per contact. The 5930 to 5933 connector kits are supplied with AMP straight/V45° cable clamp hood assemblies. Each hood is 15.75 millimeter (.620 inches) wide. The 5934 and 5935 connector kits are supplied with Souriau straight cable clamp hood assemblies to allow use on single-width modules. This hood is 15.14 millimeter (.596 inches) wide. The 50 and 25-contact "D" connectors may also be purchased as part of a cable. See Models 5851 and 5852 for complete connector-terminated cables.

SPECIFICATIONS AND ORDERING INFORMATION

Model	Shell Size	Contacts		Max. Size		Contact Current
		Position	Type	Cable	Wire	
5930-Z1A	DE	9	Socket	5.99 mm (.236")	1.0 mm (20 AWG)	5 Amp
5931-Z1A	DE	9	Pin	5.99 mm (.236")	1.0 mm (20 AWG)	5 Amps
5932-Z1A	DB	25	Socket	10.16 mm (.400")	1.0 mm (20 AWG)	5 Amp
5933-Z1A	DB	25	Pin	10.16 mm (.400")	1.0 mm (20 AWG)	5 Amps
5934-Z1A	0D	50	Socket	13.00 mm (.510")	1.0 mm (20 AWG)	5 Amps
5935-A1A	DD	50	Pin	13.00 mm (.510-)	1.0 mm (20 AWG)	5 Amps

5940 TO 5943 "2D" CONNECTOR KITS

The Models 5940 to 5943 are double-density, "D" ("2D") type, subminiature, rectangular connector kits. Each connector has a crimp, snap-in type contact termination accommodating up to a 0.8 millimeter (#22 AWG) stranded wire. Each connector kit is supplied with an AMP straight/450 cable clamp hood assembly. Each hood is 15.75 mm (.620") wide.

SPECIFICATIONS AND ORDERING INFORMATION

Model	Shell Size	Contacts		Max. Size		Contact Current
		Position	Type	Cable	Wire	
5940-Z1A	2DE	19	Socket	5.99 mm (.236")	.8 mm (22 AWG)	5 Amp
5941-Z1A	2DE	19	Pin	5.99 mm (.236")	.8 mm (22 AWG)	5 Amps
5942-Z1A	Plastic 2DB	52	Socket	10.16 mm (.400")	.8 mm (22 AWG)	5 Amp
5942-Z1B	Metal 2DB	52	Socket	10.16 mm (.400")	.6 mm (22 AWG)	5 Amps
5943-Z1A	2DB	52	Pin	10.16 mm (.400")	.8 mm (22 AWG)	5 Amps



5944 TO 5981 CONNECTOR KIT

The Model 5944 is a 36-position, high-density, rectangular connector kit with cable hood. This connector contains AMP 203816-2 pins. See the Model 5855 for complete connector-terminated cables.

The Model 5950 is a 50-position ribbon connector kit. It is supplied with a 90° low-profile hood. See the Model 5853 for complete connector-terminated cables.

The Model 5960 is a floating-mount, 36-contact (2 X 18), primed circuit edge connector. It is also available with a termination paddle providing for cable strain relief. See Model 5854 for complete connector terminated cables.

The Models 5980 and 5981 are flat-cable connector kits. Each connector is mass-terminated to either #28 AWG stranded or #26 AWG solid flat cable. Each connector kit is supplied with a strain relief and a pull tab. See Models 5840 to 5846 for complete connector-type cables.

SPECIFICATIONS AND ORDERING INFORMATION

MODEL	CONNECTOR TYPE	CONTACTS		COMMENTS	CONTACT CURRENT
		Position	Type		
5944-Z1A	AMP rectangular	36	Plug	w/hood	5 Amps
5950-Z1A	Ribbon	50	Plug	90° hood	5 Amps
5950-Z1B	Ribbon	50	Socket	90° hood	5 Amps
5960-Z1A	P.C. edge	36	Socket	w/o paddle card	3 Amps
5960-Z1B	P.C. edge	36	Socket	w/paddle card	3 Amps
5980-Z1A	Flat cable	20	Socket	Mass-terminated	1 Amp
5981-Z1A	Flat cable	40	Socket	Mass-terminated	1 Amp

ORDERING INFORMATION

MODEL	DESCRIPTION
5919-Z1A	SMB Connector Kit

Updated June 6th, 2005

Copyright © 2005 KineticSystems Company, LLC. All rights reserved.

KineticSystems Company, LLC

900 N. State St.
Lockport, IL 60441-2200

Toll-Free (US and Canada):

phone 1-800-DATA NOW
1-800-328-2669

Direct:

phone +1-815-838-0005
fax +1-815-838-4424

Email:

mkt-info@kscorp.com

To find your local sales representative or distributor or to learn more about KineticSystems' products visit:

www.kscorp.com