Kraus & Naimer

BLUE LINE switchgear since 1907

CA10 / CAD11 / CAD12



Kraus & Naimer's highly compact CAD-Type cam switches are used in a wide range of electrical and electronic applications. They are particularly suitable for semi-conductor circuits and can be also be used for relay and contactor control. They meet all requirements for controls switches in conventional systems.

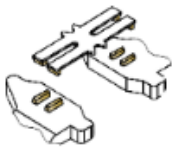
CAD Type Cam switches incorporate corrosion resistant contacts which permit operation on system voltages as low as 1 Volt.

Enclosed stages provide excellent protection against dust and other contaminates.

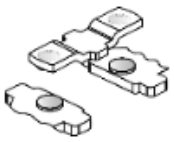
Two Contact Systems

(1) Self-cleaning H-Bridges with a cross-wire contact system are used for electronic and low voltage range applications.

(2) A rigid double break bridge with Silver alloy contacts provides high making and breaking capabilities for regular control applications.



(1). CAD11/CAD12
H-Bridge Contacts



(2). CA10
Button Contacts

Nominal rating according to IEC 60947-3			Dimensions	Voltage Range	Applications
Type	**AC21A**	**DC1**			
CA10 Silver Alloy Button Contacts	20A	24V/20A 48V/12A 60V/4.5A 110V/1A 220V/0.4A 440V/0.02A	Refer to Catalogue 100	20V - 690V~ 20V - 660V=	Motor Switches, Control Switches for contactors circuits and instrument switches
CAD11 Gold H-Bridge Contacts	1/6V - 6/3A 12/24V - 2/1A 48/110V - 0.8/0.4A 220/400V - 0.2/0.13A 440/500V - 0.1/0.08A 600V - 0.05A	1/6V - 4/2.5A 12/24V - 1.5/0.8A 48/60V - 0.3/0.27A 110/220V - 0.2/0.1A 440/500V - 0.08/0.03A 600V - 0.02	Dimensions same as CA10	**,1V - 600V~ **, 1V - 600V= CONTACT RESIST 10-45m Ohm	Control Switching of solid state circuits, PLC inputs and instrument switching*
CAD12 Silver H-Bridge Contacts	6V - 6A 12V - 5A 24V - 5A 48V - 4A 110V - 3A 220V - 2A 400V - 1,3A 440V - 1A 500V - 0,8A 600V - 0,50A	6VDC - 4A 12VDC - 3A 24VDC - 2,2A 48VDC - 1,2A 60VDC - 1A 110VDC - 0,6A 220VDC - 0,3A 240VDC - 0,25A 500VDC - 0,1A 600VDC - 0,1A	Dimensions same as CA10	6V - 600V~ 6V - 600V= CONTACT RESIST 7-20mOhm	Control Switching of solid state circuits, PLC inputs and instrument switching*

* Not Suitable for 5 – 20mA analogue signals. Use D11 switches, refer to D-Switches - Catalogue 130.

** Values for lower voltages on request.

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