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Find the *Cytec JX16/4* at our website: ***Click HERE***

SERIES JX16 SWITCH MODULES

The JX16 Switch Modules plug into the JX/256 Mainframe and Expansion Chassis and typically are built with 16 relays and their associated solid state controls, including Status feedback.
The Modules are available with high reliability reed relays that have a guaranteed life of 100 million operations and with the option of either Type S - Standard Dry Reed, Type M - Mercury Wetted Reed or Type LT - Low Thermal Reed. They are also available with Armature type Power Relays for switching up to 2000 VA power or 8 amps current.
There are three basic types of Modules: JX16/L for Multiplexing configurations, JX16/K for discrete relays, and JX16/AB for x2 Matrix configurations.

JX16/L SWITCH MODULES

This Series of Switch Modules has 16 relays configured as Multiplexers as shown in Figs. 1 & 2. These modules can be used as separate muxes or bussed together on the backplane to form one multiplexer as large as 256x1.
Bandpass is 20 MHz (-3dB) and Isolation is less than 60dB at 1 MHz when used in a 256x1 Mux.

JX16/L1 AND /L2 SWITCH MODULES

This module has 16 single or two pole relays as shown in **Fig. 1** with signal inputs wired to a 34 pin header connector. The two 8x1 muxes may be jumpered together to form a 16x1. The outputs are available on a 10 pin header connector or can be jumpered to the card edge connector which plugs into the backplane. It is available with **Type S, M** or **LT** relays.

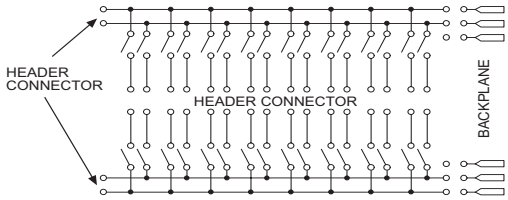


Fig. 1

JX 32/L2 SWITCH MODULE

This module has 32 two pole relays as shown in **Fig. 2** with signal inputs wired to two 34 pin header connectors. The two 16x1 muxes can be jumpered together to form one 32x1 mux. The outputs are available on a 10 pin header connector or can be jumpered to the card edge connector which plugs into the backplane. It is available with **Type A** relays only.

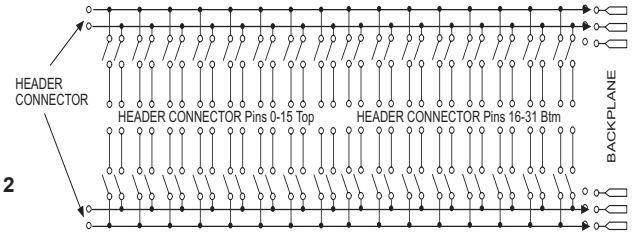


Fig. 2

JX16/4(4x1)-1 and -2 SWITCH MODULES

This module has 16 single or two pole relays arranged as four 4x1 multiplexers as shown in **Fig. 3**. The muxes may be jumpered to the backplane to form up to a 256x1 mux or two 128x1 muxes. It is available with **Type S, M** or **LT** relays.

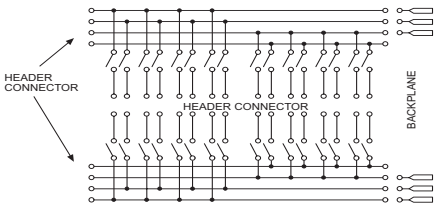


Fig. 3

JX16/K SWITCH MODULES

This Series of Switch Modules has 16 discrete relays with all contacts brought out to connectors accessible from the the chassis rear. Each relay has a Bandpass exceeding 20 MHz (-3dB) and Crosstalk less than 56dB at 1 MHz.

JX16/K1 SWITCH MODULE

This module has 16 single pole relays as shown in **Fig. 4** with both sides of all relays brought out to a 34 pin Header connector. The module is available with **Type S** or **Type M** relays.

JX16/KP SWITCH MODULE

This module has 16 single pole, **Type P** power relays as shown in **Fig. 4** with both sides brought out to a 37 pin D type connector.

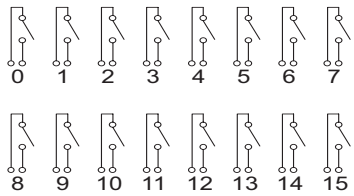


Fig. 4

JX16/KC SWITCH MODULE

This module has 16 single pole, double throw relays as shown in **Fig. 5** with all contacts brought out to a 50 pin Header connector. The module is available with either **Type CS** or T**ype CM** relays.

JX16/KCA SWITCH MODULE

This module has 16 single pole, double throw relays as shown in **Fig. 5** with all contacts brought out to a 50 pin Header connector. The module is available with **Type A** relays only.

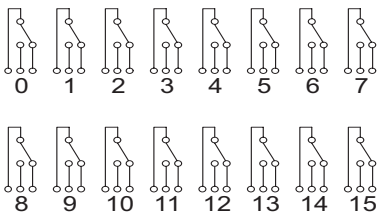


Fig. 5

JX16/KPC SWITCH MODULE

This module has 8 single pole, double throw discrete Form C **Type P** power relays shown in **Fig. 6** with all contacts brought out to screw terminal connectors.

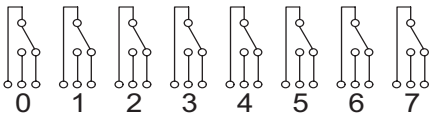


Fig. 6

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