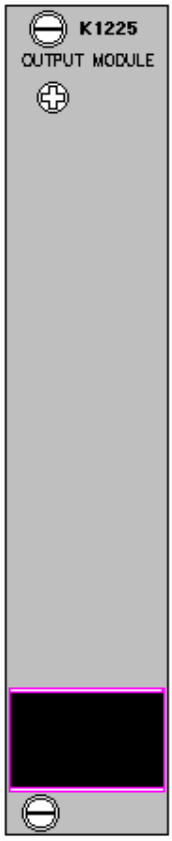
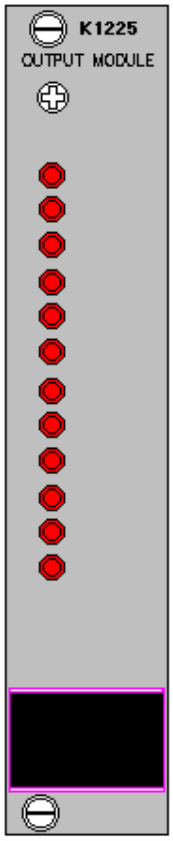
K1225 Output Module – Technical Data Sheet.



K1225 Module



K1225L Module

The K1225 module provides 12 open collector transistor outputs which are controlled by the system common control module (K1321 or K1339) in response to system cause/effect programming.

Each of the fully independent outputs is normally floating but will be switched to system 0 volts when instructed to switch on by the common control module.

Two standard module configurations are available as shown above. The basic K1225 module has a blank frontplate and its 12 outputs are available via the rack system backplane. The K1225L module is operationally similar but incorporates 12 front panel mounted LED indicators which light and indicate which of the outputs is active. The LED indicators are normally red in colour but when a K1225L is incorporated in a site specific system then the colours vary according to the application. It is also possible to provide frontplates with engraving which indicates the function of each of the LEDs

Each of the 12 transistor outputs is capable of driving up to 80mA at 24V d.c. making the unit a convenient and versatile means of driving annunciator units and relay outputs under cause/effect logic control. Two 12 way relay boards specifically designed to operate with the K1225 are available, K1243 provides 12 relays with single pole changeover contacts rated 5 Amps at 240V a.c. the alternative K1268 module has contacts rated 10 Amps at 240V a.c.

When the K1225 module is used as a direct output driver for external equipment it is connected to a standard K1316 header board via a 40 way ribbon cable from the rack backplane. The header board provides access to the 12 outputs via screwed terminals which will accept 1.5mm^2 solid core cables.

A single R3 system can accommodate a maximum of 21 K1225 modules.