KMTronic Web Relay Driver.

This driver will control up to 20 KMTronic Web relay modules in Integration Designer Apex. If you have 20 of the 8 way modules, that would give you 160 individually controllable relays.
This driver is for the 'Web' version of the KMTronic relays. It will not work with the UDP, RS232, USB or Modbus relays.
In Integration Designer 9 you will need to add multiple drivers for each relay module you wish to control. The same license key works for each instance.

Driver Properties:

Licence Key:
Enter the license key if you have one. The driver will function without a license for 2 hours and then communications with the KMTronic Web Relay modules will stop. The two hour timer starts each time the RTI processor boots or is uploaded.

Add KMTronic relay modules to your Apex design using the 'Add Workspaces' tool. You can add relay up to 20 modules to the Global area or to individual Rooms.

Configuration:
Enter a descriptive name for the KMTronic Web Relay module to help you identify it in Apex.

Enter the IP address of the KMTronic module. A fixed IP address is recommended.

If you have setup a Username and Password in 'Authorization Configuration' on the KMTronic relay modules web interface, tick the box and enter the login credentials.

Specify what type of KMTronic module you have. 2, 4 or 8 relays.

Give each relay a descriptive name to help you identify its function in Apex.

Driver Functions:
Set Individual Relay State: Select the relay you want to control; the descriptive name you gave will be used. You can then choose from 3 options. ON, OFF or Toggle.

Set Module Relay State: This option will control all the relays on a KMTronic module together.

Set All Relays Globally: Allows you to turn ON/OFF all the relays on all connected KMTronic modules. Only available in Apex, not ID9.

Variables:
Relay State gives the current state of the relay.
Connected State gives the state of the HTTP connection to the KMTronic module.

Events:
Connection State: Triggered when the connection to the KMTronic relay module is lost