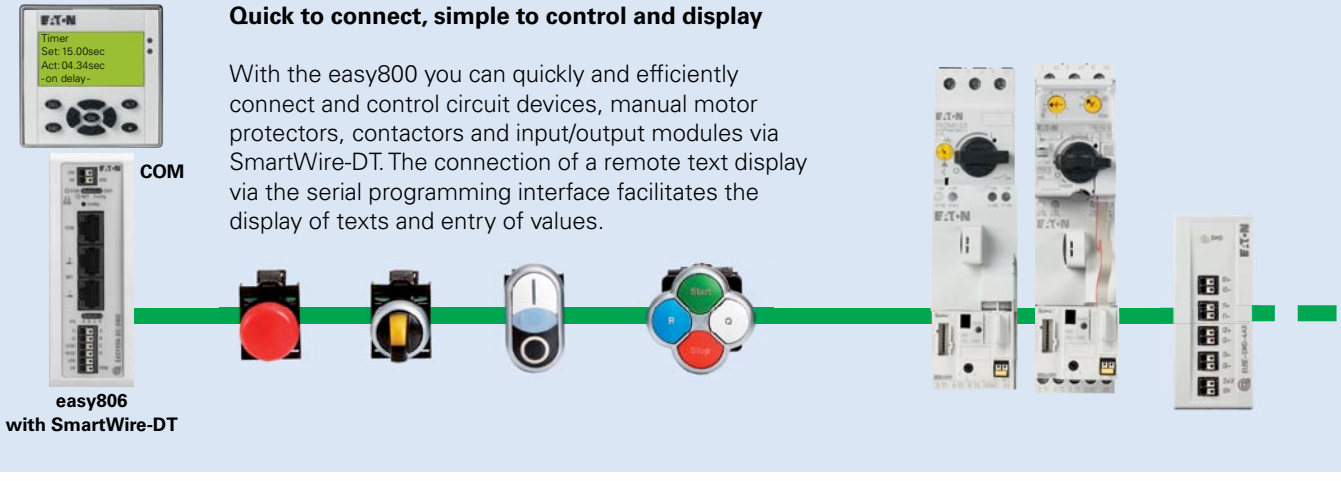
Connecting instead of wiring— easy800 programmable relays with SmartWire-DT

The new easy802 and easy806 with SmartWire-DT combine the functions of an easy800 with a direct connection to SmartWire-DT. Instead of wiring the inputs and outputs individually to control terminals, they are simply connected via a SmartWire-DT cable to the easy802/806 controllers. Programming is implemented as usual, in a ladder diagram using the easySoft-Pro programming software. The new programmable control relays combine the simplicity of two systems and maximize the efficiency of replacing standard control relays and point-to-point wiring.

easy800 with SmartWire-DT controls control circuit devices easily, quickly and efficiently.



Quick to connect, simple to control and display

With the easy800 you can quickly and efficiently connect and control circuit devices, manual motor protectors, contactors and input/output modules via SmartWire-DT. The connection of a remote text display via the serial programming interface facilitates the display of texts and entry of values.

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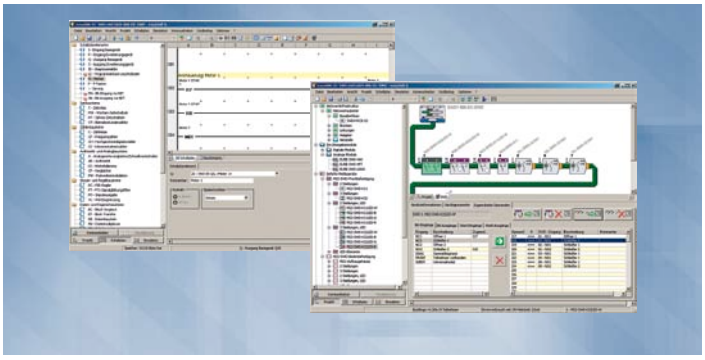
SmartWire-DT

SmartWire-DT is a high-performance system that can be used to quickly and easily connect control components such as contactors, manual motor protectors, control circuit devices and digital and analog input/output modules. On the easy806 with integrated SmartWire-DT controller, up to 99 SmartWire-DT devices with up to 166 inputs/outputs can be connected. All required supply voltages, including those for the bus devices and 24 Vdc for the contactors, are provided directly with the flat 8-pole SmartWire-DT cable. This reduces wiring effort and troubleshooting, saving time and costs. For more information on SmartWire-DT, go to www.eaton.com/smartwiredt.



easySoft-Pro

The SmartWire-DT configurator (SWD-Assist) has been integrated with the easySoft-Pro programming software for easy800. Using the configurator tab, the SmartWire-DT line is created with all devices, and the SmartWire-DT devices are subsequently assigned with the operands. This can be undertaken manually or automatically as required. Switches and contacts are assigned to the inputs I17 to I99 and contactor coils and indicator lights to the outputs Q17 to Q99. Important inputs or outputs, such as those from manual motor protectors, make up the well-known easy800 marker ranges (optional marker bytes, marker words and double words). The operands can be used in the accustomed manner in the circuit diagram—simply easy!

EASY802-DC-SWD [1]

EASY802-DC-SWD features a POW power feeder for relaying power to the controller as well as the SmartWire-DT devices. A second AUX power feeder provides the connected contactors with 24 Vdc. The configuration of the SmartWire-DT devices is done with a touch of the "Configuration" button. LEDs provide feedback on the states of the device and the SmartWire-DT line. The serial interface serves for programming as well as the connection of a remote text display, touch panel or connection to the ethernet.

EASY806-DC-SWD [1]

In addition to the functionality of the EASY802-DC-SWD, the EASY806-DC-SWD also features four fast inputs (5 KHz). Two of the four inputs can also be configured as fast outputs (5 KHz) (transistor 24 Vdc, 0.1A). In addition to the inputs/outputs on EASY806-DC-SWD, there is a connection option to the easyNet. With this, up to 1360 inputs/outputs can be connected.

easy800 with SmartWire-DT

	Supply Voltage	Description	Catalog No. (Style No.)
	24 Vdc	Programmable relay with SmartWire-DT	**EASY802-DC-SWD** (152901)
	24 Vdc	Programmable relay with SmartWire-DT, four inputs, two of which can be used as outputs (transistor 24 Vdc, 0.1A)., easyNet on board	**EASY806-DC-SWD** (152902)

[1] A separate 24 Vdc power supply is required to supply control power to these controllers.

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