Combine the best of both worlds

Create intelligent solutions with easyE4 and SmartWire-DT

The SmartWire-DT communication module is positioned on the left-hand side of the easyE4 base device and is attached via a plug connector.

easyE4 manual

easySoft tutorials

For simple control tasks in machine building and system integration, the easyE4 control relay offers a solution that is both cost-effective and easy to program.

Challenges associated with conventional control relays

Up to now, information about the status of components at field level could not be queried via a conventional control relay. Yet these data form the basis of modern IoT solutions and data-based analytics. This makes it difficult – or even impossible, depending on the application – to integrate intelligent components into existing systems. Expanding the inputs and outputs requires a lot of space in the control cabinet and is also costly.

A "smart" solution with Eaton as your partner

With the 'easy' communication module for SmartWire-DT (SWD), Eaton offers you the opportunity to meet these challenges – with just one single module!

This module perfectly combines the advantages of the powerful control relay and our intelligent SmartWire-DT wiring system. Information on the status of all connected devices, such as measured current values, motor frequencies and switching statuses, is available via the easyE4 and simplifies diagnosis and troubleshooting. In addition, parameters such as setpoints of the motor frequency for frequency converters can be conveniently adjusted using the control relay. Furthermore, the connection to the SWD network also ensures a compact overall solution inside and outside the control cabinet.

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Creating smart components

SmartWire-DT ensures uniform communication with all machine components, which can thus be configured, monitored and controlled.

Remote configuration

The 'easy' control relay uses cyclical services to configure the individual components – even remotely, thanks to the integrated internet connection.
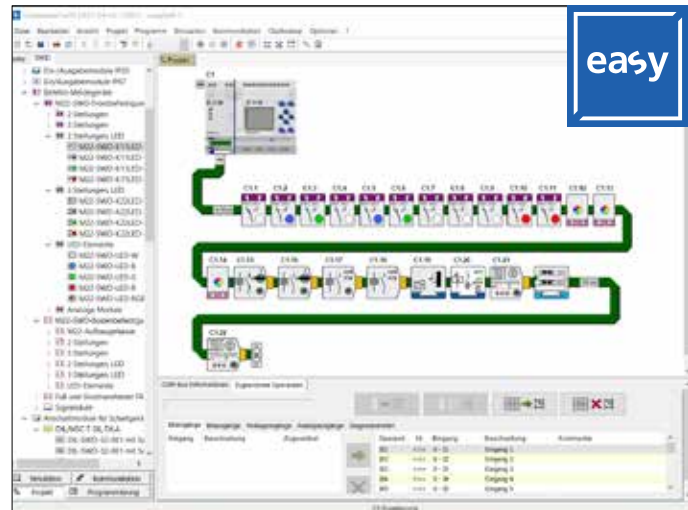
More space inside the control cabinet

The 35 mm wide SWD communication module replaces all I/O extensions and allows up to 99 participants to be networked via one 'easy' control relay. This saves space inside your control cabinet and gives you greater flexibility in designing your application.

easySoft programming software

Our intuitive easySoft 7 programming software for the 'easy' series can also be used to configure SmartWire-DT devices or the network. For this purpose, we have integrated the functions of the SWD-Assist into the latest version of easySoft, meaning you won't need any additional software. SmartWire-DT components are included in our device catalog, allowing you to use the software to configure entire SmartWire-DT networks simply via "drag & drop." Furthermore, the process of allocating operands to the respective network devices is both simple and saves time.

**easySoft
(non-licensed version)**

Thanks to the easyE4 communication module, SmartWire-DT devices can now be connected both inside and outside the control cabinet.

One tool for configuring the entire system: the established SWD-Assist interface has been integrated into easySoft. Existing easy802/806 projects can be easily imported.

Bundles for using the easyE4 as a SmartWire-DT coordinator

Article no.	Designation	Content
199507	EASY-BOX-E4-UC-SWD1	easyE4 base device (UC) with display and SWD communication module
199508	EASY-BOX-E4-UCX-SWD1	easyE4 base device (UC) without display, with SWD communication module
199509	EASY-BOX-E4-DC-SWD1	easyE4 base device (DC) with display and SWD communication module
199510	EASY-BOX-E4-DCX-SWD1	easyE4 base device (DC) without display, with SWD communication module
199511	EASY-BOX-E4-AC-SWD1	easyE4 base device (AC) with display and SWD communication module
199512	EASY-BOX-E4-ACX-SWD1	easyE4 base device (AC) without display, with SWD communication module
197226	EASYSOFT-SWLIC	easySoft programming software for the easyE series

For the complete product range, please see the Eaton online catalog: **ecat.eaton.com**

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