



**Industrial-ECO-Switch; 5-port 1000Base-T; 2-Slot 1000BASE-SX/LX; Extended temperature range; 4 \* Power over Ethernet**

Item No.: 852-1417



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Industrial-ECO-Switch; 5-port 1000Base-T; 2-Slot 1000BASE-SX/LX; Extended temperature range; 4 \* Power over Ethernet

### Marking

RoHS ✓  
Compliant

### Business data

Supplier	WAGO
Item no.	852-1417
GTIN / EAN	4055143727143
Content	1
Order amount	1
Customer item number	

### Notes

*Item description: The 852-1417 Industrial ETHERNET Switch features five 1000BASE-T ports, of which four ports support Power over Ethernet (PoE+) with 30 W, and has two SFP-1000BASE-SX / LX ports (SFP modules are available as an option). These four PoE+ ports can be used simultaneously for power supply. The integrated voltage transformer enables operation on the 24 VDC power supplies common in the control cabinet.*

*In addition to the reduced wiring effort, a separate power supply for the PoE supply can be saved. The switch can be easily configured and integrated into the control cabinet via DIN-rail mounting. It is ideal for small and medium networks, but also offers the integration into extensive networks through its SFP slots.*

*Features: 5 ETHERNET ports, 10/100/1000 Mbit/s, autonegotiation*

*4 PoE+ ports (IEEE 802.3at)*

*2 SFP slots, 1000 Mbit/s*

*Front-panel diagnostic LEDs*

*Supports Auto-MDI/MDI-X functions*

*Full/half-duplex transfer modes for each port*

*Store-and-forward switching method*

*Integrated address look-up table, supports up to 8000 absolute MAC addresses*

*Overvoltage protection*

*IEEE 802.3x flow control in full-duplex mode*

*For DIN-35 rail*

## Technical data

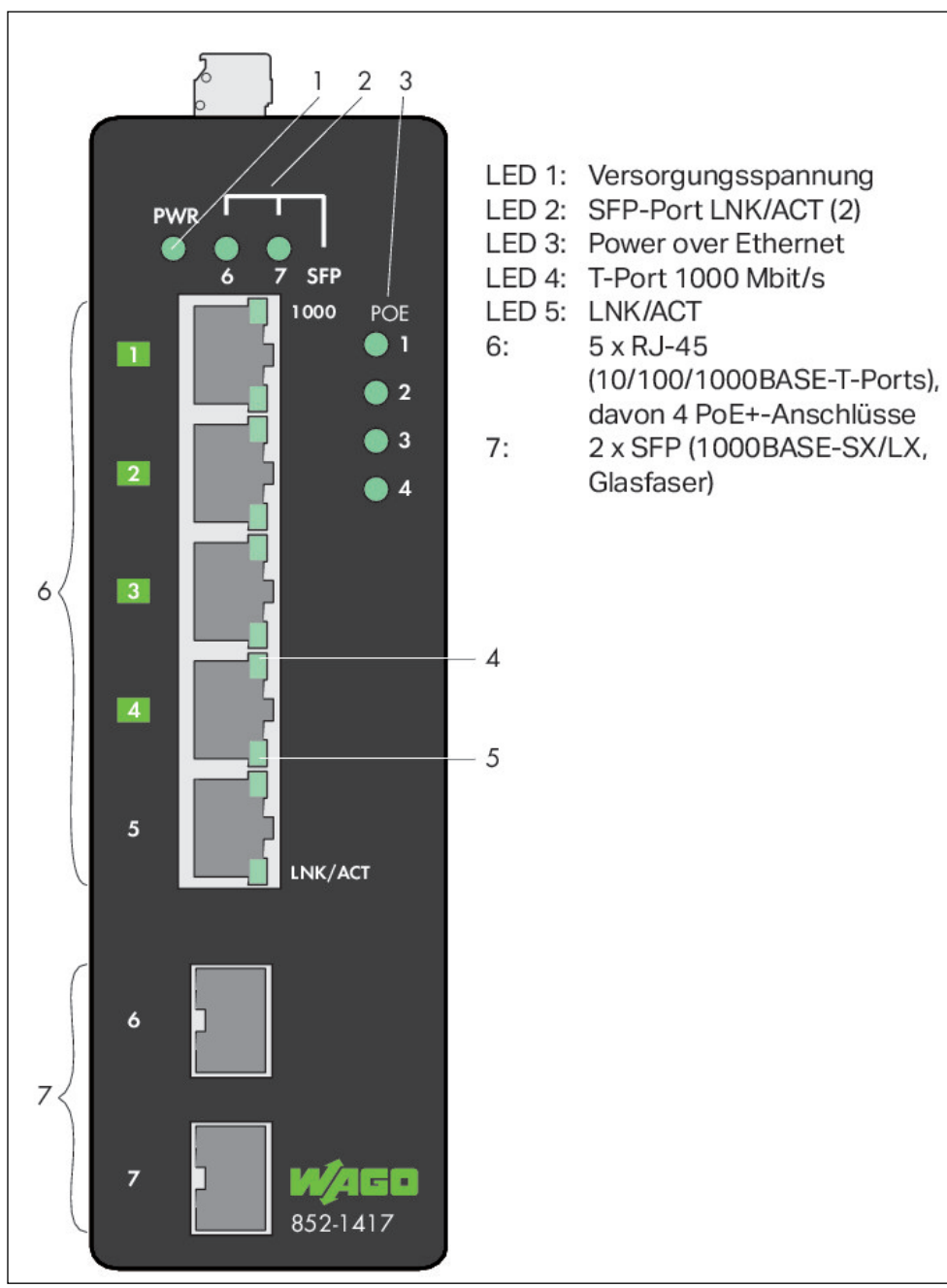
### Miscellaneous

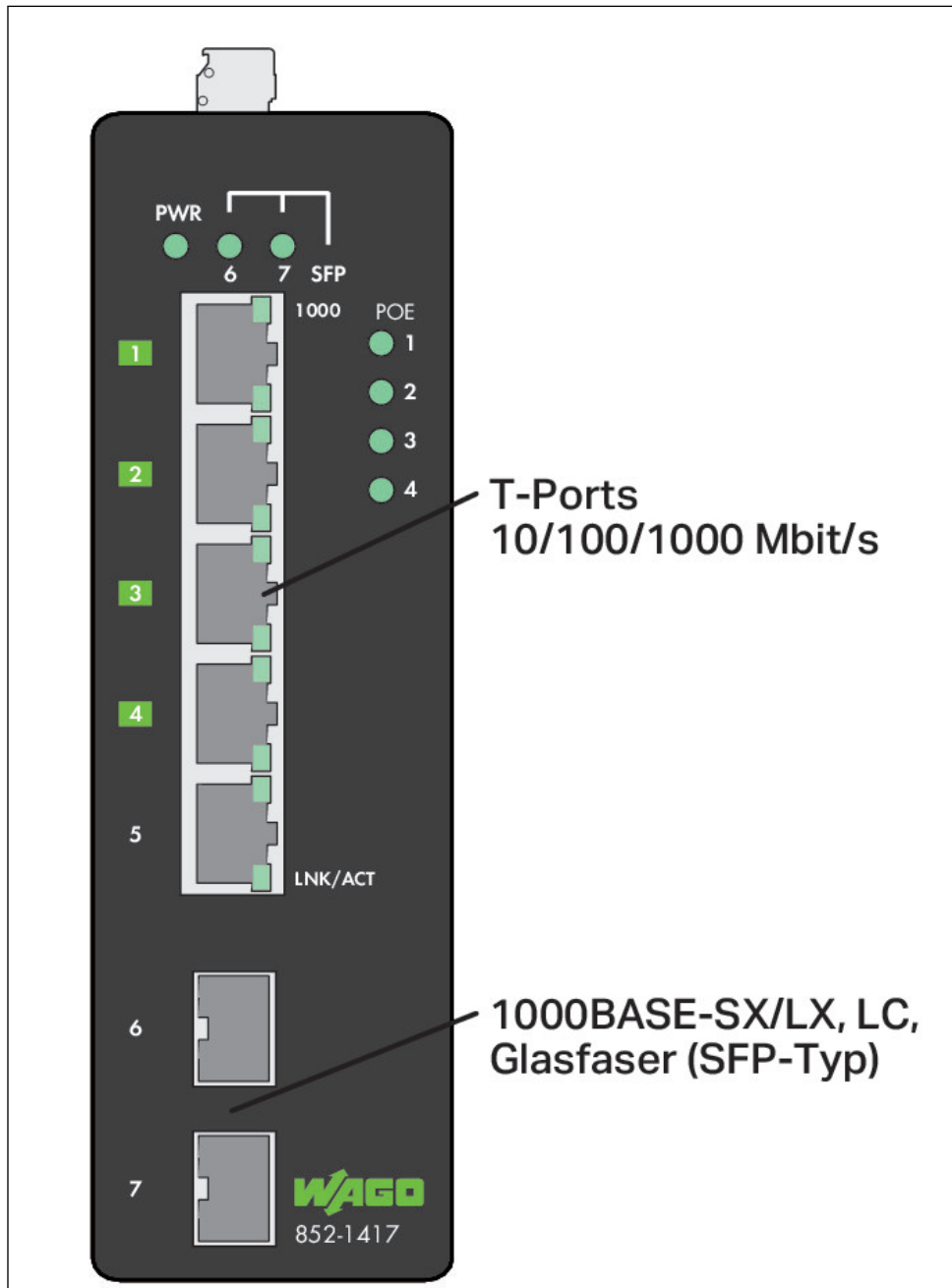
<i>Number of 1000Base-T ports</i>	<i>5</i>
<i>Number of 1000Base SX/LX ports</i>	<i>2</i>
<i>Communication standards</i>	<i>IEEE 802.3 10BASE-T</i>
<i>MAC table (large)</i>	<i>8000 addresses</i>
<i>Jumbo frame size [Byte]</i>	<i>10000 [Byte]</i>
<i>Supply voltage</i>	<i>DC 24 ... 57 V</i>
<i>Energy consumption max. [W]</i>	<i>134 [W]</i>
<i>Baud rate</i>	<i>Copper cable: 10/1000 Mbit/s; Fiber optic: 1000 Mbit/s</i>
<i>Optical fiber type</i>	<i>Single-mode and multi-mode</i>
<i>Topology</i>	<i>Star</i>
<i>Connection technology: supply</i>	<i>1 x 2-pole male connector</i>
<i>Width</i>	<i>50 mm / 1.969 Inch</i>
<i>Height from upper-edge of DIN-35 rail</i>	<i>120 mm / 4.724 Inch</i>
<i>Depth</i>	<i>160 mm / 6.299 Inch</i>
<i>Weight [g]</i>	<i>780 [g]</i>
<i>Color</i>	<i>black</i>
<i>Housing material</i>	<i>Sheet steel</i>

<b>Technical data</b>	
<i>Conformity marking</i>	<i>CE</i>
<i>Surrounding air temperature (operation)</i>	<i>-40 ... 70 °C</i>
<i>Surrounding air temperature (storage)</i>	<i>-40 ... 80 °C</i>
<i>Degree of protection</i>	<i>IP30</i>
<i>Relative air humidity (no condensation) [%]</i>	<i>95 [%]</i>
<i>Type of mounting</i>	<i>DIN-35 rail</i>
<i>Vibration resistance</i>	<i>acc. to IEC 60068-2-6</i>
<i>Shock resistance</i>	<i>acc. to IEC 60068-2-27</i>
<i>EMC immunity to interference</i>	<i>acc. to EN 61000-6-2</i>
<i>EMC emission of interference</i>	<i>acc. to EN 61000-6-4</i>
<i>Main product function</i>	<i>Industrial ECO Switches</i>
<i>Product type</i>	<i>Industrial switches</i>

**Images & drawings**













**Address**

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Technische Änderungen und Irrtümer vorbehalten.