



Figure similar

\*\*\* Spare part \*\*\* SIMATIC DP, 5 electronic modules, ET 200S: 2 relay per module, isolated change-over contacts, 24 V-48 V DC/5 A, 24 V-230 V AC/5 A, 15 mm width, substitute value output, 5 units per packing unit

General information	
Product function	
• Isochronous mode	No
Supply voltage	
Load voltage L+	
• Rated value (DC)	24 V; From power module
• Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	30 mA
from backplane bus 3.3 V DC, max.	10 mA
Power loss	
Power loss, typ.	0.6 W
Address area	
Address space per module	
• Address space per module, max.	1 byte
• with packing	2 bit
Digital outputs	
Type of digital output	Relays
Number of digital outputs	2
Short-circuit protection	No; The relay outputs must be fused externally with 6 A. When installing in a hazardous area in accordance with the National Electric Code (NEC), the fuse may only be removed using a suitable tool if the module is not in the hazardous area.
Limitation of inductive shutdown voltage to	No
Controlling a digital input	Yes
Output current	
• for signal "1" rated value	5 A; See data in manual
• for signal "1" minimum load current	8 mA
Switching frequency	
• with resistive load, max.	2 Hz
• with inductive load, max.	0.5 Hz
• on lamp load, max.	2 Hz
Total current of the outputs (per group)	
horizontal installation	
— up to 50 °C, max.	5 A; per channel
— up to 60 °C, max.	4 A; per channel
vertical installation	
— up to 40 °C, max.	5 A; per channel
Relay outputs	

<b>Switching capacity of contacts</b>	
— Thermal continuous current, max.	5 A; See data in manual
<b>Cable length</b>	
• shielded, max.	1 000 m
• unshielded, max.	600 m
<b>Interrupts/diagnostics/status information</b>	
Diagnostics function	No
Substitute values connectable	Yes; 0/1
<b>Diagnostics indication LED</b>	
• Status indicator digital output (green)	Yes
<b>Parameter</b>	
Response to CPU/master STOP	Substitute a value/keep last value
<b>Potential separation</b>	
<b>Potential separation digital outputs</b>	
• between the channels	Yes
• between the channels and backplane bus	Yes
• Between the channels and load voltage L+	Yes
<b>Ambient conditions</b>	
<b>Altitude during operation relating to sea level</b>	
• Ambient air temperature-barometric pressure-altitude	Up to max. 2 000 m
<b>Dimensions</b>	
Width	15 mm
Height	81 mm
Depth	52 mm
<b>Weights</b>	
Weight, approx.	50 g
<b>Classifications</b>	

	Version	Classification
eClass	14	27-24-26-04
eClass	12	27-24-26-04
eClass	9.1	27-24-26-04
eClass	9	27-24-26-04
eClass	8	27-24-26-04
eClass	7.1	27-24-26-04
eClass	6	27-24-26-04
ETIM	10	EC001599
ETIM	9	EC001599
ETIM	8	EC001599
ETIM	7	EC001599
IDEA	4	3566
UNSPSC	15	32-15-17-05

**Approvals / Certificates**

**General Product Approval**

[Manufacturer Declaration](#)



[Miscellaneous](#)



**General Product Approval**

**EMV** **For use in hazardous locations**



[China RoHS](#)



[FM](#)

For use in hazard-  
ous locations

Maritime application



[NK / Nippon Kaiji Ky-  
okai](#)



Maritime application

[CCS \(China Classifica-  
tion Society\)](#)

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