

SIMATIC DP, 5 ELECTRON. MODULES ET200S: 2DO  
RELAY(FORM C CONT.) DC24V-48V/5A, AC24V-230V/5A, 15 MM  
WIDTH, FIRST-UP SIGNAL, 5 PIECES PER PACKAGING UNIT

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	
• with packing	2 bit
• without packing	1 byte
Digital outputs	
Number of digital outputs	2
Short-circuit protection	No
Limitation of inductive shutdown voltage to	No
Controlling a digital input	Yes
Output current	
• for signal "1" rated value	5 A
• for signal "1" minimum load current	8 mA
Parallel switching of two outputs	
• for uprating	No
• for redundant control of a load	No
Switching frequency	
• with resistive load, max.	2 Hz
• with inductive load, max.	0.5 Hz
• on lamp load, max.	2 Hz
Relay outputs	
Switching capacity of contacts	
— Thermal continuous current, max.	5 A
Cable length	
• shielded, max.	1 000 m

- unshielded, max.

600 m

### Isochronous mode

Isochronous operation (application synchronized up to terminal)

No

### Interrupts/diagnostics/status information

Diagnostic functions

No

Substitute values connectable

Yes; 0/1

Diagnostics indication LED

- Status indicator digital output (green)

Yes

### Parameter

Remark

3 byte

### Potential separation

Potential separation digital outputs

- between the channels
- between the channels and backplane bus
- Between the channels and load voltage L+

Yes

Yes

Yes

### Isolation

tested with

- Channels against backplane bus and load voltage L+
- Load voltage L+ against backplane bus

2500 V DC

500 V DC

### Dimensions

Width

15 mm

Height

81 mm

Depth

52 mm

### Weights

Weight, approx.

50 g

**last modified:**

08/29/2017