



SIMATIC DP, 5 ELECTRON. MODULES FOR ET 200S, 2 DO RELAY 24V DC - 230V AC/5A, 15 MM WIDTH FIRST-UP SIGNAL WITH LED SF (GROUP FAULT), 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 losses

- | | |
|------------------|-------|
| 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 |

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	
Substitute values connectable	Yes; 0/1
Diagnostic messages	
• Diagnostic functions	No
Diagnostics indication LED	
• Status indicator digital output (green)	Yes
Parameter	
Behavior on CPU/Master STOP, channel-wise	Substitute a value/keep last value
Potential separation	
Potential separation digital outputs	
• between the channels	Yes
• between the channels and the backplane bus	Yes
• between the channels and the load voltage L+	Yes
Isolation	
tested with	
• Channels against backplane bus and load voltage L+	1500 V AC
• Load voltage L+ against backplane bus	500 V DC
Extended ambient conditions	
• Relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	50 g

last modified:

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