SIEMENS

SIMATIC DP, 5 electronic modules for ET 200S, 2 DO relay 24 V DC-230 V AC/5 A, 15 mm width, Substitute value output with LED SF (group fault)

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

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

Interrupts/diagnostics/status information

Diagnostics function	No
Substitute values connectable	Yes; 0/1
Diagnostics indication LED	
• Status indicator digital output (green)	Yes

Parameter

Response to CPU/master STOP	Substitute a value/keep last value

Potential separation

Potential separation digital outputs	
• between the channels	Yes
• between the channels and backplane bus	Yes
• Between the channels and load voltage L+	Yes

Ambient conditions

Altitude during operation relating to sea level	
• Ambient air temperature-barometric pressure-altitude	Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)

Dimensions

Width	15 mm
Height	81 mm
Depth	52 mm

Weights

Weight, approx.	50 g
last modified:	01/17/2020

01/17/2020