



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) 5 units per packing unit

Supply voltage	
Load voltage L+	
<ul style="list-style-type: none"> Rated value (DC) Reverse polarity protection 	24 V; From power module 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	
<ul style="list-style-type: none"> Address space per module, max. with packing 	1 byte 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	
<ul style="list-style-type: none"> for signal "1" rated value for signal "1" minimum load current 	5 A 8 mA
Switching frequency	
<ul style="list-style-type: none"> with resistive load, max. with inductive load, max. on lamp load, max. 	2 Hz 0.5 Hz 2 Hz
Relay outputs	
Switching capacity of contacts	
— Thermal continuous current, max.	5 A
Cable length	
<ul style="list-style-type: none"> shielded, max. unshielded, max. 	1 000 m 600 m
Interrupts/diagnostics/status information	
Diagnostics function	No
Substitute values connectable	Yes; 0/1
Diagnostics indication LED	
<ul style="list-style-type: none"> Status indicator digital output (green) 	Yes

Parameter	
Response to CPU/master STOP	Substitute a value/keep last value
Potential separation	
Potential separation digital outputs	
<ul style="list-style-type: none"> • between the channels 	Yes
<ul style="list-style-type: none"> • between the channels and backplane bus 	Yes
<ul style="list-style-type: none"> • Between the channels and load voltage L+ 	Yes
Ambient conditions	
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> • 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:	2/9/2021 