

*** SPARE PART*** SIMATIC S7-400, FM458-1 DP APPLICATION
MODULE FOR SIMATIC S7-400

Supply voltage	
Rated value (DC)	Yes
<ul style="list-style-type: none"> • 5 V DC 	
Input current	
Current consumption, max.	2.3 A
Memory	
Backup	Yes; Backup battery of the SIMATIC power supply (3.4 V)
<ul style="list-style-type: none"> • present 	
Battery	
Backup battery	
<ul style="list-style-type: none"> • Backup current, max. 	10 μ A
Hardware configuration	
Slots	
<ul style="list-style-type: none"> • required slots 	1
Time of day	
Clock	
<ul style="list-style-type: none"> • Hardware clock (real-time) • Resolution 	Yes 0.1 ms
Digital inputs	
Number of digital inputs	8; Connector X2
Input voltage	
<ul style="list-style-type: none"> • Rated value (DC) • for signal "0" • for signal "1" 	24 V -1 to +6 V or input open +13 to +33V
Input current	
<ul style="list-style-type: none"> • for signal "0", max. (permissible quiescent current) • for signal "1", typ. 	0 mA 3 mA; at 24 V
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", max.	20 μ s
Interfaces	
PROFIBUS DP	

- Equidistance
- Direct data exchange (slave-to-slave communication)

Yes; With connection to interrupt tasks

Yes

Interrupts/diagnostics/status information

Alarms

Yes

Potential separation

Potential separation digital inputs

- Potential separation digital inputs

No; only via optional interface modules

Weights

Weight, approx.

0.8 kg

last modified:

07/24/2017