

SIMATIC S7-200 SMART, Digital I/O SB DT04, 2 DI/2DO, 2 DI 24 V DC/2 DO 24 V DC

General information	
Product type designation	SB DT04, DI 2x24 V DC, DQ 2x24 V DC/0.75 A
CiR - Configuration in RUN	
Reparameterization possible in RUN	No
Supply voltage	
Rated value (DC)	24 V; -15 / +20 %
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, typ.	50 mA
Power loss	
Power loss, typ.	1 W
Digital inputs	
Number of digital inputs	2
Input voltage	
- Type of input voltage - Rated value (DC) - for signal "0" - for signal "1"	DC 24 V max. 5 V min. 15 V
Input current	
- for signal "0", max. (permissible quiescent current) - for signal "1", typ.	1 mA 2.5 mA
Input delay (for rated value of input voltage)	
for standard inputs	
— at "0" to "1", max.	20 µs
— at "1" to "0", max.	20 µs
Cable length	
- shielded, max. - unshielded, max.	500 m 300 m
Digital outputs	
Number of digital outputs	2
Short-circuit protection	No
Output voltage	
- for signal "0", max. - for signal "1", max.	0.1 V 20 V
Output delay with resistive load	
"0" to "1", max. "1" to "0", max.	2 µs 10 µs
Interrupts/diagnostics/status information	
Diagnostics indication LED	
- for status of the inputs - for status of the outputs	Yes Yes
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
CE mark	Yes
Dimensions	
Width	35 mm
Height	52.2 mm
Depth	16 mm

Weights			
Weight, approx.		18.1 g	
Classifications			
		Version	Classification
	eClass	14	27-24-22-04
	eClass	12	27-24-22-04
	eClass	9.1	27-24-22-04
	eClass	9	27-24-22-04
	eClass	8	27-24-22-04
	eClass	7.1	27-24-22-04
	eClass	6	27-24-22-04
	ETIM	9	EC001419
	ETIM	8	EC001419
	ETIM	7	EC001419
	IDEA	4	3566
	UNSPSC	15	32-15-17-05
Approvals / Certificates			
General Product Approval			



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