

## Data sheet

## 6ES7288-5DT04-0AA0

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	
<ul style="list-style-type: none"> <li>Type of input voltage</li> </ul>	DC
<ul style="list-style-type: none"> <li>Rated value (DC)</li> </ul>	24 V
<ul style="list-style-type: none"> <li>for signal "0"</li> </ul>	max. 5 V
<ul style="list-style-type: none"> <li>for signal "1"</li> </ul>	min. 15 V
Input current	
<ul style="list-style-type: none"> <li>for signal "0", max. (permissible quiescent current)</li> </ul>	1 mA
<ul style="list-style-type: none"> <li>for signal "1", typ.</li> </ul>	2.5 mA
Input delay (for rated value of input voltage)	
for standard inputs	
<ul style="list-style-type: none"> <li>at "0" to "1", max.</li> </ul>	20 µs
<ul style="list-style-type: none"> <li>at "1" to "0", max.</li> </ul>	20 µs
Cable length	
<ul style="list-style-type: none"> <li>shielded, max.</li> </ul>	500 m
<ul style="list-style-type: none"> <li>unshielded, max.</li> </ul>	300 m
Digital outputs	
Number of digital outputs	2
Short-circuit protection	No
Output voltage	
<ul style="list-style-type: none"> <li>for signal "0", max.</li> </ul>	0.1 V
<ul style="list-style-type: none"> <li>for signal "1", max.</li> </ul>	20 V
Output delay with resistive load	
<ul style="list-style-type: none"> <li>"0" to "1", max.</li> </ul>	2 µs
<ul style="list-style-type: none"> <li>"1" to "0", max.</li> </ul>	10 µs
Interrupts/diagnostics/status information	
Diagnostics indication LED	
<ul style="list-style-type: none"> <li>for status of the inputs</li> </ul>	Yes
<ul style="list-style-type: none"> <li>for status of the outputs</li> </ul>	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
<b>Weights</b>	
Weight, approx.	18.1 g

<b>Classifications</b>		
	<b>Version</b>	<b>Classification</b>
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	10	EC001419
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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