

SIMATIC S7-1200, RELAY OUTPUT SM 1226, F-DQ 2X RLY 5A, PROFISAFE, 70 MM WIDTH, UP TO PL E (ISO 13849-1)/ UP TO SIL3 (IEC 61508)



### Supply voltage

Rated value (DC)	
<ul style="list-style-type: none"> <li>• 24 V DC</li> </ul>	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

### Input current

from backplane bus 5 V DC, max.	120 mA
<b>Digital outputs</b>	
<ul style="list-style-type: none"> <li>• from load voltage L+, max.</li> </ul>	300 mA

### Power loss

Power loss, typ.	10 W
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### Digital outputs

Number of digital outputs	2
Short-circuit protection	No

### Output voltage

<ul style="list-style-type: none"> <li>• Rated value (DC)</li> </ul>	5 V DC to 30 V DC
<ul style="list-style-type: none"> <li>• Rated value (AC)</li> </ul>	5 V AC to 250 V AC

### Output current

• for signal "1" permissible range, max.	5 A maximum per circuit and 10 A maximum of all circuits per module
<b>Relay outputs</b>	
• Number of relay outputs	2; 2 circuits per output
<b>Switching capacity of contacts</b>	
— with inductive load, max.	0.1 Hz, accordance with IEC 60947-5-1, DC-13; 2 Hz, accordance with IEC 60947-5-1, AC-15
— with resistive load, max.	2 Hz
<b>Cable length</b>	
• shielded, max.	200 m
• unshielded, max.	200 m

<b>Standards, approvals, certificates</b>	
CE mark	Yes
cULus	Yes
FM approval	Yes
<b>Highest safety class achievable in safety mode</b>	
• Performance level according to ISO 13849-1	Category 4, PL e
• SIL acc. to IEC 61508	SIL 3

<b>Ambient conditions</b>	
<b>Free fall</b>	
• Fall height, max.	0.3 m; five times, in product package
<b>Ambient temperature during operation</b>	
• min.	0 °C
• max.	55 °C
• permissible temperature change	5°C to 55°C, 3°C / minute
<b>Ambient temperature during storage/transportation</b>	
• min.	-40 °C
• max.	70 °C
<b>Air pressure acc. to IEC 60068-2-13</b>	
• Storage/transport, min.	660 hPa
• Storage/transport, max.	1 080 hPa
<b>Relative humidity</b>	
• Operation at 25 °C without condensation, max.	95 %

<b>Mechanics/material</b>	
<b>Enclosure material (front)</b>	
• Plastic	Yes

<b>Dimensions</b>	
Width	70 mm
Height	100 mm
Depth	75 mm

<b>Weights</b>	
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Weight, approx.

300 g

**last modified:**

06/14/2017