

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"> • 24 V DC 	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
Digital inputs	
<ul style="list-style-type: none"> • from load voltage L+ (without load), max. 	300 mA
Power loss	
Power loss, typ.	10 W
Digital outputs	
Number of digital outputs	2
Short-circuit protection	No
Output voltage	
<ul style="list-style-type: none"> • Rated value (DC) • Rated value (AC) 	5 V DC to 30 V DC 5 V AC to 250 V AC
Output current	

<ul style="list-style-type: none"> for signal "1" permissible range, max. 	5 A maximum per circuit and 10 A maximum of all circuits per module
Relay outputs	
<ul style="list-style-type: none"> Number of relay outputs 	2; 2 circuits per output
Switching capacity of contacts	
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> with resistive load, max. 	2 Hz
Cable length	
<ul style="list-style-type: none"> shielded, max. 	200 m
<ul style="list-style-type: none"> unshielded, max. 	200 m
Interrupts/diagnostics/status information	
Diagnostics indication LED	
<ul style="list-style-type: none"> for status of the outputs 	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
FM approval	Yes
Highest safety class achievable in safety mode	
<ul style="list-style-type: none"> SIL acc. to IEC 61508 	SIL 3
Ambient conditions	
Free fall	
<ul style="list-style-type: none"> Fall height, max. 	0.3 m; five times, in product package
Ambient temperature during operation	
<ul style="list-style-type: none"> min. 	0 °C
<ul style="list-style-type: none"> max. 	55 °C
<ul style="list-style-type: none"> permissible temperature change 	5°C to 55°C, 3°C / minute
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> min. 	-40 °C
<ul style="list-style-type: none"> max. 	70 °C
Air pressure acc. to IEC 60068-2-13	
<ul style="list-style-type: none"> Storage/transport, min. 	660 hPa
<ul style="list-style-type: none"> Storage/transport, max. 	1 080 hPa
Relative humidity	
<ul style="list-style-type: none"> permissible range (without condensation) at 25 °C 	95 %
Mechanics/material	
Enclosure material (front)	
<ul style="list-style-type: none"> Plastic 	Yes
Dimensions	
Width	70 mm

Height	100 mm
Depth	75 mm
Weights	
Weight, approx.	300 g
last modified:	02.03.2016