



SIMATIC S7-1200,
DIGITAL OUTPUT SM 1222, 16 DO, RELAY 2A

Supply voltage	
Voedingsspanning / bij DC / nominale waarde / minimaal	20,4 V
Voedingsspanning / bij DC / nominale waarde / maximaal	28,8 V
Input current	
from backplane bus 5 V DC, max.	135 mA
Power loss	
Werkelijk vermogensverlies / typisch	8,5 W
Digital inputs	
Aantal digitale ingangen	0
Digital outputs	
Aantal van de digitale uitgangen	16
in groups of	1
Short-circuit protection	Nee
Switching capacity of the outputs	
with resistive load, max.	2 A
Output current	
Uitgangsstroom / aan de digitale uitgang / bij signaal <1> / maximaal	2 A
Output delay with resistive load	

"0" to "1", max.	10 ms
"1" to "0", max.	10 ms
Total current of the outputs (per group)	
horizontal installation	
up to 50 °C, max.	10 A
Relay outputs	
Aantal relaisuitgangen	16
Rated supply voltage of relay coil L+ (DC)	24 V
Switching capacity of contacts	
with inductive load, max.	2 A
Schakelvermogen stroom / van de contacten / bij ohmsche belasting / maximaal	2 A
Cable length	
Cable length, shielded, max.	500 m
Cable length unshielded, max.	150 m
Interrupts/diagnostics/status information	
Alarms	
Alarms	Ja
Diagnostic alarm	Ja
Diagnostic messages	
Productfunctie / diagnosefunctie	Ja
Monitoring the supply voltage	Ja
Diagnostics indication LED	
for status of the outputs	Ja
for maintenance	Ja
Status indicator digital output (green)	Ja
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels, in groups of	4
Degree and class of protection	
IP20	Ja
Standards, approvals, certificates	
Geschiktheidsbewijs / EG-conformiteitsmerkteken	Ja
Geschiktheidsbewijs / CSA-goedkeuring	Ja
UL	Ja
cULus	Ja
Geschiktheidsbewijs / C-Tick	Ja
FM approval	Ja

Marine approval	
Marine approval	Ja
Climatic and mechanical conditions for storage and transport	
Climatic conditions for storage and transport	
Free fall	
Drop height, max. (in packaging)	0,3 m
Mechanical and climatic conditions during operation	
Climatic conditions in operation	
Temperature	
min.	-20 °C
max.	60 °C
Mechanics/material	
Type of housing (front)	
Plastic	Ja
Dimensions	
Breedte	45 mm
Hoogte	100 mm
Diepte	75 mm
Weights	
Weight, approx.	260 g
Status	28-jul-2014