MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6ES7288-2DR08-0AA0

SIMATIC S7-200 SMART SM DR08 RELAY OUTPUT MODULE

Used with the applicable SIMATIC S7-200 SMART configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens manufacturer documentation for 6ES7288-2DR08-0AA0

SIEMENS

Data sheet 6ES7288-2DR08-0AA0

SIMATIC S7-200 SMART, Digital output SM DR08, 8 DO, relay 2 A



Supply voltage	
Rated value (DC)	
• 24 V DC	Yes; Nom. 24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, typ.	80 mA; Current for 24 V DC input power
from backplane bus 5 V DC, typ.	90 mA; For 5 V DC from CPU module
Digital inputs	
Number of digital inputs	0
Digital outputs	
Relay outputs	
• Number of relay outputs	8
• Rated supply voltage of relay coil L+ (DC)	24 V
— Reverse polarity protection	Yes
• Current consumption of relays (coil current of all relays), max.	80 mA
Switching capacity of contacts	

Subject to change without notice
© Copyright Siemens

— with inductive load, max.	2 A
— on lamp load, max.	30 W; 30 W with DC, 200 W with AC
— with resistive load, up to 50 °C, max.	2 A
— with resistive load, max.	2 A
— Thermal continuous current, max.	2 A
Cable length	
• shielded, max.	500 m
• unshielded, max.	150 m
Interrupts/diagnostics/status information	
Diagnostics indication LED	
• for status of the outputs	Yes
Potential separation	
Potential separation digital outputs	
• between the channels	Yes; Relay, dry contact
Isolation	
Isolation tested with	1500 V AC for 1 minute
Degree and class of protection	
Degree of protection acc. to EN 60529	
• IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
Dimensions	
Width	45 mm
Height	100 mm
Depth	81 mm
Weights	
Weight, approx.	166.3 g

last modified: 07/17/2018

Subject to change without notice
© Copyright Siemens