Extract from the online catalog

PSR-SCP- 24DC/TS/S

Order No.: 2986229

http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2986229

Freely configurable safety module for monitoring emergency stop, safety doors, light grids with 20 safe inputs and 4 safe outputs; 4 alarm, 2 clock and 2 ground switching outputs; non safety expandable over Bus-Gateways. Width: 67.5 mm

Product notes

WEEE/RoHS-compliant since: 17/03/2009

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at http://www.download.phoenixcontact.com. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data

EAN	4 046356 477192
Pack	1
Customs tariff	85371099
Country of Origin	DE
Catalog page information	Page 29 (IF-2011)

Technical data

Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.85 ... 1.1
Typical input current at U_N	110 mA
Maximum response time	< 30 ms

Bypassing voltage dips	20 ms
Recovery time	< 10 s
Protective circuit	Surge protection Suppressor diode
Status display	4 LEDs (green, red)
Number of safe inputs	20
Nominal voltage U_N	24 V DC
Typical current consumption	4 mA
Signal level "0" signal	< 5 V
Signal level "1" signal	> 11 V
Permissible cable length	2000 m
Error detection time at 1-channel structure	< 1 s

Output data

Output data	Yes
Number of safe semiconductor outputs	4 (Cat.4 / ISO 13849)
Number of ground switching outputs	2
Nominal voltage U_N	24 V DC
Limiting continuous current	2 A (see derating curve)
Max. capacitive load	1 µF (When using electromechanical components (e.g., contactors), the capacitive load can be disregarded.)
Max. inductive load	(A suitable and effective protective circuit is to be provided for inductive loads. A recommended measure is the use of free-wheeling diodes.)
Test pulses	< 1 ms (To ground)
Short-circuit protection	Yes
Clock outputs	Yes
Number of outputs	2
Nominal voltage U_N	24 V DC (A1 / A2)
Limiting continuous current	100 mA
Test pulses	< 100 ms
Short-circuit protection	Yes
Alarm outputs	Yes
Number of outputs	4
Nominal voltage U_N	24 V DC (A1 / A2)
Limiting continuous current	100 mA
Short-circuit protection	Yes