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Data sheet 6ES7132-7HB00-0AB0



Figure similar

SIMATIC DP, electronic module for ET200iSP, 2DO relay UC60V / 2A, Ex eb ib mb IIC T4 Gb, Ex eb ib mb I Mb

General information	
Product type designation	2DQ relay 60 V UC/2 A
CiR - Configuration in RUN	
Reparameterization possible in RUN	Yes
Input current	
from load voltage (power bus), max.	105 mA
Power loss	
Power loss, typ.	1.1 W
Digital outputs	
Type of digital output	Relays
Number of digital outputs	2
Short-circuit protection	No
Output current	
● for signal "1" rated value	2 A
Output delay with resistive load	
● "0" to "1", max.	7 ms
● "1" to "0", max.	3 ms
Parallel switching of two outputs	
● for uprating	No
● for redundant control of a load	No
Switching frequency	
● with resistive load, max.	100 Hz
● with inductive load, max.	2 Hz
Relay outputs	
Switching capacity of contacts	
— with resistive load, up to 60 °C, max.	2 A; See data in manual
— Thermal continuous current, max.	2 A; See data in manual
Cable length	
● shielded, max.	500 m
● unshielded, max.	500 m
Interrupts/diagnostics/status information	
Substitute values connectable	Yes
Alarms	
● Diagnostic alarm	Yes; Parameterizable
● Hardware interrupt	No
Diagnoses	
● Diagnostic information readable	Yes
● Wire-break	No; Cannot be determined in contact power circuit
● Short-circuit	No; Cannot be determined in contact power circuit

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Diagnostics indication LED	
● Group error SF (red)	Yes
● Status indicator digital output (green)	Yes; Per channel
Ex(i) characteristics	
maximum values for connecting terminals for gas group IIC	
● Um (voltage at non-intrinsically safe connecting terminals), max.	250 V; DC/AC
Potential separation	
between the channels and backplane bus	Yes
between channels and powerbus	Yes
Potential separation digital outputs	
● between the channels	Yes
Permissible potential difference	
between different circuits	60 V DC/30 V AC
Standards, approvals, certificates	
CE mark	Notified Body number : 0344
UKCA mark	DEKRA 21UKEX0025; Importer UK:; Siemens plc; Manchester M20 2UR
cULus	LISTED E334384
FM approval	CLASSIFIED 3025852
INMETRO certificate	UL-BR 12.0078
Highest safety class achievable in safety mode	
● SIL acc. to IEC 61508	No
Use in hazardous areas	
● ATEX marking	II 2 G and I M2; Ex eb ib mb IIC T4 Gb; Ex eb ib mb I Mb
● ATEX certificate	KEMA 07 ATEX 0108
● IECEx	IECEx KEM 07.0059
● CCC Ex	2020322310002636
● EAC Ex	PII Ex e ib mb I Mc; IEx e ib mb IIC T4 Gb
● FM marking	Class I, Zone 1 AEx e ib m IIC T4; Ex e ib m IIC T4; NI, Class I, DIV.2, GP. A,B,C,D T4; Class II, III, GP. E,F,G
Marine approval	
● Germanischer Lloyd (GL)	Yes
● American Bureau of Shipping (ABS)	Yes
● Bureau Veritas (BV)	Yes
● Det Norske Veritas (DNV)	Yes
Dimensions	
Width	30 mm
Height	129 mm
Depth	136.5 mm
Weights	
Weight, approx.	255 g

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