SIEMENS

Data sheet 6ES7132-4FB01-0AB0



Figure similar

*** Spare part *** SIMATIC DP, 5 electronic modules for ET 200S, 2 DO 24...230 V AC 15 mm width, 5 units per packing unit

Supply voltage	
Reverse voltage protection	Yes; when using the same load voltage as on the power module
Load voltage L1	
● permissible range, lower limit (AC)	24 V; From power module
● permissible range, upper limit (AC)	230 V
● permissible frequency range, lower limit	47 Hz
● permissible frequency range, upper limit	63 Hz
Input current	
from load voltage L1 (without load), max.	15 mA; Per channel
from backplane bus 3.3 V DC, max.	18 mA
Address area	
Address space per module	
● Address space per module, max.	1 byte
● with packing	2 bit
Digital outputs	
Type of digital output	Triac
Number of digital outputs	2
Short-circuit protection	Yes
Limitation of inductive shutdown voltage to	-55 to -60 V
Controlling a digital input	Yes; possible
Switching capacity of the outputs	
● on lamp load, max.	100 W
Output voltage	
● for signal "1", min.	L+ (-1.5 V)
Output current	
● for signal "1" rated value	2 A
● for signal "1" permissible range, min.	0.1 mA
● for signal "1" permissible range, max.	2.2 A
● for signal "0" residual current, max.	3 mA
Output delay with resistive load	
● "0" to "1", max.	15 ms
● "1" to "0", max.	15 ms
Parallel switching of two outputs	
● for uprating	No
● for redundant control of a load	Yes; per module
Switching frequency	
● with resistive load, max.	10 Hz
● with inductive load, max.	0.5 Hz

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● on lamp load, max.	1 Hz
Total current of the outputs	
● Current per module, max.	2 A; note derating data in the manual
Cable length	
● shielded, max.	1 000 m
● unshielded, max.	600 m
Interrupts/diagnostics/status information	
Diagnostics function	No
Diagnostics indication LED	
● Status indicator digital output (green)	Yes
Potential separation	
Potential separation digital outputs	
● between the channels	No
● between the channels and backplane bus	Yes
Isolation	
Isolation tested with	2 500 V DC
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	37 g

Classifications

	Version	Classification
eClass	16	27-24-26-04
eClass	14	27-24-26-04
eClass	12	27-24-26-04
eClass	9.1	27-24-26-04
eClass	9	27-24-26-04
eClass	8	27-24-26-04
eClass	7.1	27-24-26-04
eClass	6	27-24-26-04
ETIM	10	EC001599
ETIM	9	EC001599
ETIM	8	EC001599
ETIM	7	EC001599
IDEA	4	3566
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

Miscellaneous

Manufacturer Declaration

General Product Approval				EMV	For use in hazardous locations
	China RoHS				FM

For use in hazardous locations	Maritime application

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UL ABS BUREAU VERITAS DNV LRS

NK / Nippon Kaiji Kyokai

Maritime application

PRS RINA

CCS (China Classification Society)

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