SIEMENS

Data sheet 6ES7148-4FA00-0AB0



SIMATIC DP, ET200 PRO Fail-safe electronic module 8/16 F-DI 24 V DC PROFIsafe, 90 mm overall width, up to Category 4 (EN 954-1)/ SIL3 (IEC61508)/PLE (ISO13849)

Supply voltage	
Rated value (DC)	24 V
Reverse polarity protection	Yes
power supply according to NEC Class 2 required	No
Input current	
from supply voltage 1L+, max.	120 mA; Typical
from backplane bus 3.3 V DC, max.	20 mA
Power loss	
Power loss, typ.	4.5 W
Digital inputs	
Number of digital inputs	16
Input current	
● for signal "1", typ.	3.7 mA
Standards, approvals, certificates	
Highest safety class achievable in safety mode	
● Performance level according to ISO 13849-1	e
● SIL acc. to IEC 61508	3
Dimensions	
Width	90 mm
Height	130 mm
Depth	65 mm
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

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	UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

CE EG-Konf. | Miscellaneous | Manufacturer Declaration | UKCA | UL | RCM

General Product Approval	Functional Saftey	Maritime application

EAC | China RoHS | TUEV | Type Examination Certificate | ABS | BUREAU VERITAS

Maritime application

DNV | LRS | NK / Nippon Kaiji Kyokai | PRS | RINA | RMRS

Maritime application

CCS (China Classification Society) | KR (Korean Register of Shipping)

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