



Figure similar

SIMATIC DP, ET200 PRO Fail-safe electronic module 4/8 F-DI/4 F-DO 24 V DC/2A PROFIsafe, 90 mm overall width, up to Category 4 (EN 954-1)/ SIL3 (IEC61508)/PLE (ISO13849)

Supply voltage		
Rated value (DC)	24 V	
power supply according to NEC Class 2 required	No	
Input current		
from supply voltage 1L+, max.	100 mA; Typical	
from load voltage 2L+ (without load), max.	50 mA; Typical	
from backplane bus 3.3 V DC, max.	20 mA	
Power loss		
Power loss, typ.	5.8 W	
Digital inputs		
Number of digital inputs	8	
Input current		
• for signal "1", typ.	3.7 mA	
Digital outputs		
Number of digital outputs	4	
Short-circuit protection	Yes	
Controlling a digital input	Yes; digital output, according to IEC 61131-2, type 2	
Output current		
• for signal "1" rated value	2 A	
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	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](#)



EG-Konf.



UL



RCM

Functional Safety

Maritime application

[TUEV](#)

[Type Examination Certificate](#)



ABS



BUREAU VERITAS



DNV



LRS

Maritime application

[NK / Nippon Kaiji Kyokai](#)



PRS



RINA



RMRS

[CCS \(China Classification Society\)](#)



KR

last modified:

4/7/2025