



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](#)



General Product Approval

Functional Safety

Maritime application



[China RoHS](#)

[TUEV](#)

[Type Examination Certificate](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

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

[KR \(Korean Register of Shipping\)](#)

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