



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	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	9	EC001599
	ETIM	8	EC001599
	ETIM	7	EC001599
	IDEA	4	3566
	UNSPSC	15	32-15-17-05
Approvals / Certificates			
General Product Approval			Functional Safety

[Manufacturer Declaration](#)



Functional Safety

Marine / Shipping

[Type Examination Certificate](#)



[NK / Nippon Kaiji Kyokai](#)

Marine / Shipping



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



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