



Figure similar

SIMATIC DP, ET200 PRO Fail-safe electronic module F-switch PROFIsafe, 3 fail-safe PP-switching outputs for safe switching of the backplane busbars (2L +, F0, F1), 2 fail-safe digital inputs, 45mm, 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.	50 mA		
from load voltage 2L+ (without load), max.	25 mA; Typical		
from backplane bus 3.3 V DC, max.	40 mA		
Power loss			
Power loss, typ.	3 W		
Digital inputs			
Number of digital inputs	2		
Input current			
• for signal "1", typ.	3.5 mA		
Digital outputs			
Number of digital outputs	3		
Short-circuit protection	Yes		
Total current of the outputs (per group)			
all mounting positions			
— up to 55 °C, max.	6 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	45 mm		
Height	130 mm		
Depth	65 mm		
Classifications			
		<b>Version</b>	<b>Classification</b>
	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](#)



<b>General Product Approval</b>	<b>Functional Safety</b>	<b>Maritime application</b>
---------------------------------	--------------------------	-----------------------------



[TUEV](#)

[Type Examination Certificate](#)



**Maritime application**



[NK / Nippon Kaiji Kyokai](#)



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

**Maritime application**

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

last modified:

4/7/2025