



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	

	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
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[Manufacturer Declaration](#)


EG-Konf.




UL


RCM


TUV

Functional Safety	Marine / Shipping
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[Type Examination Certificate](#)


ABS




DNV


LRS

[NK / Nippon Kaiji Kyokai](#)

Marine / Shipping


PRS


RINA


RMRS

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


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