

CUBE20S SAFETY OUTPUT MODULE

F DO4/2 DC24V

Cube20S FDO4/2
Expansion module
PROFIBUS
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[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001599
customs tariff number	85389099
GTIN	4048879424653
Packaging unit	1

Safety codes

DCavg (EN ISO 13849-1)	99 %
Service life	20 a
Category (EN ISO 13849-1)	4
PFHd (IEC 61508)	2,5 E-10/h
Performance level (EN ISO 13849-1)	e
SIL (IEC 61508)	3
SIL CL (IEC 62061)	3

Electrical data Supply	
Norm operating voltage	EN 61131-2
Operating voltage UA DC	24 V
Current consumption max.	75 mA
module supply	via system connection
Electrical data Output	
Actuator current UA per output max.	2 A
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	0,5 A
Output delay time	175000 ns
Lamp load	5 W
Total current output max.	4 A
Diagnostics	
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Galvanic separation (operating voltage)	yes
Galvanic separation output/output	yes
Mechanical data Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	109 mm
Width	12,9 mm
Depth	76,5 mm
Environmental characteristics Climatic	
Operating temperature min.	0 °C
Operating temperature max.	60 °C
Storage temperature min.	-25 °C
Storage temperature max.	70 °C
Connection type 2	
Connection type 1	Power
Connection type 2	Power
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	yellow
No. of poles	8
PIN 1	n.c.
PIN 2	24 V DC
PIN 3	0 V
PIN 4	24 V DC Sys
PIN 5	n.c.
PIN 6	24 V DC
PIN 7	0 V
PIN 8	0 V Sys
Connection	Spring clamp terminals FK

Family construction form	terminal
Gender	female
Color contact carrier	yellow
No. of poles	8
PIN 1	DO 0
PIN 2	0 V
PIN 3	DO 2
PIN 4	0 V
PIN 5	DO 1
PIN 6	0 V
PIN 7	DO 3
PIN 8	0 V