

## **CUBE67 Hygienic Design I/O EXTENSION MODULE**

16 multifunction channels

Expansion module DIO16 - 0.5 A (E) - 8× M12 short-circuit and overload protected Digital inputs/outputs (multifunctional) Hygienic Design Stainless steel, polished

Connection cables are in the online shop under "Connection Technology".

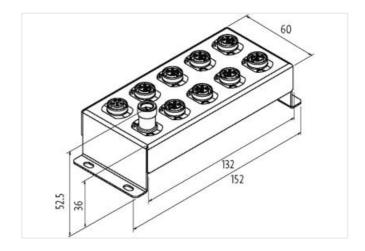
Housing fully potted.

Connection cable: F&B, F&B Pro, Steel

## **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	EC001855	
customs tariff number	85389099	
GTIN	4048879695718	
Packaging unit	1	
Electrical data   Supply		
Norm operating voltage	EN 61131-2	
Operating voltage US DC	24 V	



stay connected

Operating voltage UA DC	24 V
Current consumption max.	50 mA
Total current UA max.	4 A
Total current US max.	4 A
Electrical data   Input	
Overload resistant	yes
Short-circuit protected	•
Type input	yes PNP, for 3-wire sensors or mechanical switches
Input filter time	1 ms
Sensor current US per input max.	0,2 A
Electrical data   Output	0,2 M
•	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	0,5 A
Lamp load	10 W
Diagnostics	
Actuator warning	per channel via LED and BUS
Diagnostic	No voltage, Under voltage
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 (ISO 20653:2013)	IP69K
Mechanical data   Mounting data	
Suitable for mounting type	4 hole screw mounting
Height	152 mm
Width	60 mm
Depth	54 mm
Environmental characteristics   Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	75 °C
0	73 0
Connection type 3	
Connection type 3  Connection type 1	0-7
Connection type 1	0-7
Connection type 1 Connection type 2	0-7 Bus In
Connection type 1 Connection type 2 Connection type 3	0-7 Bus In Bus Out
Connection type 1 Connection type 2 Connection type 3 Family construction form	0-7 Bus In Bus Out M12
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender	0-7 Bus In Bus Out M12 male
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier	0-7 Bus In Bus Out M12 male black
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier Coding	0-7 Bus In Bus Out M12 male black A
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier Coding No. of poles	0-7 Bus In Bus Out M12 male black A
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier Coding No. of poles PIN 1	0-7  Bus In  Bus Out  M12  male  black  A  5  24 V DC (US)
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2	0-7 Bus In Bus Out M12 male black A 5 24 V DC (US) DI / DO 0.x
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2 PIN 3	0-7  Bus In  Bus Out  M12  male  black  A  5  24 V DC (US)  DI / DO 0.x  0 V
Connection type 1 Connection type 2 Connection type 3 Family construction form Gender Color contact carrier Coding No. of poles PIN 1 PIN 2 PIN 3 PIN 4	0-7 Bus In Bus Out M12 male black A 5 24 V DC (US) DI / DO 0.x 0 V DI / DO 1.x



Color contact carrier	black
Coding	A
No. of poles	6
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	6
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V