

## **CUBE67 BUS NODES**

CANopen

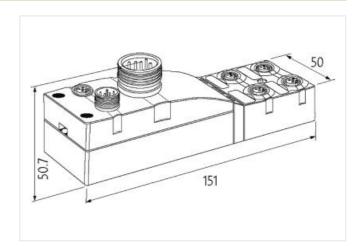
## CANopen

Connection cables are in the online shop under "Connection Technology". Housing fully potted.

## **Link to Product**

## Illustration





Product may differ from Image









Commercial data		
ECLASS-6.0	27242608	
ECLASS-6.1	27242608	
ECLASS-7.0	27242608	
ECLASS-8.0	27242608	
ECLASS-9.0	27242608	
ECLASS-10.1	27242608	
ECLASS-11.1	27242608	
ECLASS-12.0	27242608	
ETIM-5.0	EC001604	
customs tariff number	85389099	
GTIN	4048879048712	
Packaging unit	1	
Electrical data   Supply		
Operating voltage DC	24 V	
Current consumption max.	70 mA	
Total current UA max.	9 A	
Total current US max.	9 A	
Industrial communication   Bus data		
Address range min.	1	
Address range max.	99	
Industrial communication   CANopen		



stay connected

Diagnostic via BLIS         per module and channel           Diagnostic via LED         per module and channel           Sind criticul diagnosis         yes           LED diaglary         Ehrmet connection/data traffic           Excellent of protection   Electrical         Percentad diagnosis           Device protection   Electrical         Percentad diagnosis           Warbanical data         Vision   Percentage of protection   Percentage of Perc	CANopen addressing	Rotary switch
Diagnostis via BUS	Diagnostics	
Dispose for via LED	Diagnostic	No voltage, Under voltage
ED display   Ethernet connection idata traffic	Diagnostic via BUS	per module and channel
EED display         Ehemet connection idata traffic           Diversitient dilagnosis         yes           Degree of protection (EN IEC 00529)         IPG7           Mechanical data         IPM           Mechanical data         Immediate in Mounting data           Suitable for mounting type         2-hole screw mounting           Height         15 imm           Worth         50 mm           Depth         50 mm           Under All Districts         Commender of the Commendation of the Commendat	Diagnostic via LED	per module and channel
Device protection   Electrical         Device protection   Electrical           Degree or protection (EN IEC 60829)         P67           Mechanical data         Western protection (EN IEC 60829)         P67           Mechanical data   Mounting data         Western protection (EN IEC 60829)         P87           Wednamical data   Mounting base         2 hole screw mounting           Height         151 mm           World (Morth)         50 mm           Depositing temporature min.         0 °C           Operating temporature min.         0 °C           Operating temporature min.         20 °C           Storage temporature min.         20 °C           Storage temporature min.         20 °C           Storage temporature min.         20 °C           Controlled (Morth)         20 °C           Connection type 4         20 °C           Connection type 3         Internal system connection type 4           Connection type 4         Power           Connection type 4         Power	Short circuit diagnosis	yes
Device protection (EN IEC 60529)         IP67           Mechanical data         Worder           Winder extension modules max.         16           Mechanical data   Mounting data         Suitable for mounting type         2 hole screw mounting           Height         151 mm           Width         50 mm           Depth         503 mm           Environmental characteristics   Climatic           Environmental characteristics   Climatic           Environmental presperature min.         0 °C           Operating temperature max.         55 °C           Storage temperature max.         75 °C           Contraction type         Connection type 4           Connection type 4         EN 61131-2           Connection type 3         Internal system connection           Connection type 3         Internal system connection           Connection type 3         Power           Family construction form         M12           Gender         male           Color ordinate carrier         male           Color ordinate carrier         male           Pin 1         Sheld           Pin 2         n.c.           Pin 3         O Y           Pin 4         CAN, LOW	LED display	Ethernet connection/data traffic
Degree of protection (EN IEC 60529)         IP67           Mechanical date         Number extension modules max.         16           Mechanical date (Mounting date)         Mechanical date (Mounting date)           Suitable for mounting type         2-hole screw mounting           Height         151 mm           Width         50 mm           Depth         50,3 mm           Environmental characteristics   Climatic         Competition group exture min.         0 °C           Opperating temperature max.         55 °C         Commediance of the properature max.         75 °C           Storage temperature max.         75 °C         Commediance of the properature max.         75 °C           Conformity         Product standard         EN 61131-2         EN 61131-2           Connection type 4         Bus In         EN 61131-2         EN 61131-2           Connection type 3         Internal system connection type 4         Power           Connection ty	Overload diagnosis	yes
Mechanical data         16           Mechanical data   Mounting data           Suitable for mounting type         2-hole screw mounting           Height         151 mm           Width         50 mm           Depeth         50.3 mm           Environmental characteristics   Climatic           Operating temperature min.         0 °C           Operating temperature min.         40 °C           Storage temperature max.         75 °C           Conformity         ****           Product standard         EN 81131-2           Connection type 4         ***           20nnection type 2         Bus Gul           20nnection type 3         Internal system connection           20nnection type 4         Power           20nnection type 3         Internal system connection           20nnection type 4         Power           20nnection type 3         Internal system connection           20nnection type 3         Internal system connection           20nnection type 4         Power           20nnection type 3         Internal system connection           20nnection type 4         Power           20nnection type 3         Internal system connection           20nnection type 4         Power	Device protection   Electrical	
Machanical data   Mounting data	Degree of protection (EN IEC 60529)	IP67
Mochanical data   Mounting data           Suitable for mounting type         2-hole screw mounting           Height         151 mm           Wridth         50 mm           Depth         50.3 mm           Environmental characteristics   Climatic           Operating temperature min.         0 °C           Operating temperature mix.         25 °C           Storage temperature max.         75 °C           Conformity         V           Product standard         EN 81131-2           Connection type 4         Sus in           Connection type 5         Bus In           Connection type 6         Bus Out           Connection type 7         Bus Out           Connection type 8         Internal system connection           Connection type 9         Bus Out           Connection type 1         Mine 2           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           Family construction form         M12           Gander         Image: Contact carrier         black           Coding         A	Mechanical data	
Suitable for mounting type         2-hole screw mounting           Height         151 mm           Width         50 mm           Depring         50,3 mm           Environmental characteristics   Climater           Operating temperature min.         0 °C           Operating temperature max.         55 °C           Storage temperature max.         75 °C           Contentity         ************************************	Number extension modules max.	16
Height   151 mm   151 mm   150 mm   1	Mechanical data   Mounting data	
Height   151 mm   150 mm   1	Suitable for mounting type	2-hole screw mounting
Depth         50,3 mm           Environmental characteristics   Climatic           Operating temperature min.         0 °C           Objecting temperature max.         55 °C           Storage temperature max.         75 °C           Conformity         Conditional Product standard         EN 61131-2           Connection type 4         EN 61131-2           Connection type 1         Bus In           Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Codor contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         OAN_LIGH           PIN 4         CAN_LIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           Family construction form	Height	151 mm
Depth         50,3 mm           Environmental characteristics   Climatic           Operating temperature min.         0 °C           Objecting temperature max.         55 °C           Storage temperature max.         75 °C           Conformity         Conditional Product standard         EN 61131-2           Connection type 4         EN 61131-2           Connection type 1         Bus In           Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Codor contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         OAN_LIGH           PIN 4         CAN_LIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           Family construction form	Width	50 mm
Environmental characteristics   Climatic           Operating temperature min.         0 °C           Operating temperature max.         55 °C           Storage temperature max.         75 °C           Storage temperature max.         75 °C           Contentity           Product slandard         EN 61131-2           Connection type 4           Connection type 1         Bus In           Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Bender         male           Coloric contact carrier         black           Coding         A           No. of poles         5           FIN 1         Shield           PIN 3         0 V           PIN 3         0 V           Family construction form         M12           3	Depth	50,3 mm
Operating temperature min.         0 °C           Operating temperature min.         55 °C           Storage temperature max.         75 °C           Storage temperature max.         75 °C           Contentity           Product standard         EN 61131-2           Connection type 4           Connection type 1         Bus In           Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           Femily 2         n.c.           PIN 1         <	<u> </u>	
Special properature max.   Spice		
Storage temperature min.   20 °C		
Storage temperature max.   75 °C		
Conformity         EN 61131-2           Connection type 4         Connection type 1         Bus In           Connection type 2         Bus Out         Connection type 3         Internal system connection           Connection type 3         Internal system connection         Connection type 4         Power           Family construction form         M12		
Product standard         EN 61131-2           Connection type 4         Evaluation type 2         Bus In           Connection type 2         Bus Out         Connection type 3         Internal system connection           Connection type 4         Power         Power         Power           Family construction form         M12		75 0
Connection type 4           Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Color poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_HIGH           PIN 6         CAN_LOW           Family construction form         M12 <td></td> <td></td>		
Connection type 1         Bus In           Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Color poles         5           PIN 1         Shield           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 3         0 V           PIN 3         0 V           PIN 4         CAN_LOW           Family construction form         M12		EN 61131-2
Connection type 2         Bus Out           Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         O           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         O           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12		
Connection type 3         Internal system connection           Connection type 4         Power           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0           PIN 4         CAN_HIGH           PIN 5         CAN_HIGH           PIN 6         CAN_HIGH           PIN 7         n.c.           PIN 8         CAN_HIGH           PIN 9         CAN_HIGH           PIN 9         CAN_HIGH           PIN 1         CAN_HIGH           PIN 2         n.c.           PIN 3 </td <td></td> <td></td>		
Connection type 4         Power           Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12		
Family construction form         M12           Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12		
Gender         male           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAH_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12		
Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12		M12
Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	Gender	male
No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	Color contact carrier	black
PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	Coding	
PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	No. of poles	
PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	PIN 1	Shield
PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	PIN 2	
PIN 5 CAN_LOW Family construction form M12  Gender female  Color contact carrier black  Coding A  No. of poles 5  PIN 1 Shield  PIN 2 n.c.  PIN 3 0 V  PIN 4 CAN_HIGH  PIN 5 CAN_LOW  Family construction form M12	PIN 3	
Family construction form         M12           Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	PIN 4	
Gender         female           Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	PIN 5	
Color contact carrier         black           Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	Family construction form	
Coding         A           No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	Gender	
No. of poles         5           PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	Color contact carrier	
PIN 1         Shield           PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12		
PIN 2         n.c.           PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	No. of poles	
PIN 3         0 V           PIN 4         CAN_HIGH           PIN 5         CAN_LOW           Family construction form         M12	PIN 1	Shield
PIN 4 CAN_HIGH PIN 5 CAN_LOW Family construction form M12	PIN 2	
PIN 5 CAN_LOW Family construction form M12	PIN 3	
Family construction form M12	PIN 4	
	PIN 5	
Gender female	Family construction form	
	Gender	female

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-01



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	7/8"
Gender	male
Color contact carrier	black
No. of poles	5
PIN 1	0 V
PIN 2	0 V
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)