

## **CUBE67 BUS NODES**

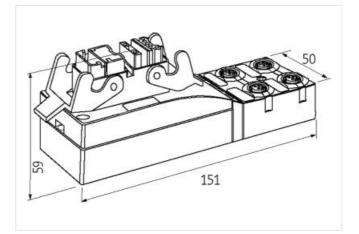
Profibus DP

PROFIBUS DP Conncection technology ECOFAST® Connection cables are in the online shop under "Connection Technology". Housing fully potted. ECOFAST® is a registered trade mark of SIEMENS.

## 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	4048879048613
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current consumption max.	120 mA
Industrial communication   Bus data	
Address range min.	0
Address range max.	99
Address setting type	Rotary switch

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: 2024-05-03

Murrelektronik bv | Noorderlaan 147-b9 | B-2030 Antwerpen | Fon +32 (0)380 868 81 | Fax | shop@murrelektronik.be | shop.murrelektronik.be



Diagnosiic     Nu voltage, Under voltage       Diagnosiic via BUS     per module and channel       Diagnosiic via LED     per module and channel       Diagnosii via LED     per module and channel       Diagnosii via GED     per module and channel       Diagnosii via General diagnosii     yes       LED diglay     Ethernet connection/data traffic       Overload diagnosis     yes       Device protection [Electrical     Device protection [Electrical       Degree of protection (EN IEC 60529)     IP65       Mechanical data     Mouning data       Suitable for mounting type     2-hole screw mounting       Height     151 mm       Width     50 mm       Depretating temperature max.     55 °C       Storage temperature max.     55 °C       Storage temperature max.     75 °C       Connection type 1     Bus In       Connection type 3     Internal system connection       Gender     male	Diagnostics	
Diagnostic via BUS     per module and channel       Diagnostic via LED     per module and channel       Short dircuit diagnosis     yes       LED display     Ethernet connection/data traffic       Overload diagnosis     yes       Degree of protection [Electrical     Person protection [Electrical       Degree of protection [Electrical     Person protection [Electrical       Mechanical data     Temperature max.       Suitable for mounting type     2-hole screw mounting       Height     151 mm       Width     50 mm       Deprating temperature min.     0 °C       Operating temperature min.     20 °C       Storage temperature min.     20 °C       Storage temperature max.     75 °C       Contomity     Environmental characteristics [Climatic       Contomity     Environmental characteristics [Climatic       Contomity     Contomity       Product standard     EN 61131-2       Connection type 3     Internal system connection       Connection type 3     Internal system connection       Connection type 3     Internal system connection       Color contact carrier	Diagnostic	No voltage, Under voltage
Diagnostic via LED per module and channel   Shot circuit diagnosis yes   LED display Ethernet connection/data traffic   Overload diagnosis yes   Degree of protection [Electrical Image: Connection of the c		
Short circuit diagnosis yes   LED display Ethernet connection/data traffic   Overload diagnosis yes   Device protection   Electrical Degree of protection (EN IEC 60529)   Mechanical data 16   Mechanical data 16   Mechanical data 151 mm   Vidith 50 mm   Deprest protection [Electrical 0 *C   Operating temperature min. 0 *C   Operating temperature min. -20 *C   Storage temperature max. 75 *C   Connection type 1 Bus In   Connection type 1 Bus In   Connection type 1 Bus In   Connection type 3 Internal system connection   Family construction form HANBird   Gender male   Colorection type 3 Internal system connection   Gender male   Connection type 3 Internal system connection   Gender male   Connection type 3 Internal system connection   Gender male   Colorection type 3 Internal system connection   Gender male		
LED display   Ethernet connection/data traffic     Overload diagnosis   yes     Device protection   Electrical		
Overload diagnosis     yes       Device protection   Electrical     IP65       Mechanical data     IP65       Number extension modules max.     16       Mechanical data   Mounting data     Suitable for mounting type       Suitable for mounting type     2-hole screw mounting       Height     151 mm       Width     50 mm       Deprating temperature min.     0 °C       Operating temperature min.     0 °C       Operating temperature min.     -20 °C       Storage temperature min.     -20 °C       Connection type 3     Bus In       Connection type 4     Bus In       Conn		
Device protection   Electrical       Degree of protection (EN IEC 60529)     IP65       Mechanical data     I       Number extension modules max.     16       Mechanical data   Mounting data     Suitable for mounting type     2-hole screw mounting       Height     151 mm     Width     50 mm       Depth     50,3 mm     Mounting type     2-hole screw mounting       Pertaing temperature min.     0 °C     Operating temperature min.     0 °C       Operating temperature min.     0 °C     Operating temperature min.     -20 °C       Storage temperature max.     75 °C     Storage temperature min.     -20 °C       Storage temperature min.     -20 °C     Storage temperature min.     -20 °C       Operating temperature min.     -20 °C     Storage temperature min.     -20 °C       Storage temperature min.     -20 °C     Storage temperature min.     -20 °C       Storage temperature min.     -20 °C     Storage temperature min.     -20 °C       Storage temperature min.     -20 °C     Storage temperature min.     -20 °C       Contextine type 3     Internat system connection     Storage tempera		yes
Degree of protection (EN IEC 60529)   IP65     Mechanical data   I     Number extension modules max.   16     Mechanical data   Mounting data   Suitable for mounting type   2-hole screw mounting     Height   151 mm   Width   50 mm     Depth   50.3 mm   Environmental characteristics   Climatic     Operating temperature min.   0 °C   Operating temperature max.   55 °C     Storage temperature max.   55 °C   Storage temperature max.   75 °C     Contormity   EN 61131-2   Consection type 3     Connection type 1   Bus In   Connection type 3     Connection type 2   Bus Out   Connection type 3     Connection type 3   Internal system connection     Family construction form   HANBird     Gender   male     Color contact carrier   black     No. of poles   6     PIN 1   24 V DC (Uns)     PIN 2   0 V     PIN 3   0 V     PIN 4   ProfiBus A		
Mechanical data       Number extension modules max.     16       Mechanical data   Mounting data     Suitable for mounting type     2-hole screw mounting       Height     151 mm     Width     50 mm       Depth     50,3 mm     Environmental characteristics   Climatic     Operating temperature min.     0 °C       Operating temperature min.     0 °C     Operating temperature max.     55 °C       Storage temperature max.     75 °C     Contomity       Product standard     EN 1131-2     Connection type 3       Connection type 3     Internal system connection       Connection type 3     Internal system connection       Family construction form     HANBird       Gender     male       Color contact carrier     black       No. of poles     6       PIN 1     24 V DC (Uns)       PIN 3     OV       PIN 4     24 V DC (US)       PIN A     ProtiBus A		IP65
Number extension modules max.   16     Mechanical data   Mounting data     Suitable for mounting type   2-hole screw mounting     Height   151 mm     Width   50 mm     Depth   50.3 mm     Environmental characteristics   Climatic     Operating temperature min.   0 °C     Operating temperature min.   0 °C     Storage temperature max.   55 °C     Storage temperature max.   75 °C     Conformity   Velocation type 1     Product standard   EN 61131-2     Connection type 1   Bus In     Connection type 3   Internal system connection     Family construction form   HANBird     Gender   male     Color contact carrier   black     No. of poles   6     PIN 1   24 V DC (Uns)     PIN 3   O V     PIN 4   24 V DC (US)     PIN A   Profibus A		
Mechanical data   Mounting data       Suitable for mounting type     2-hole screw mounting       Height     151 mm       Width     50 mm       Depth     50.3 mm       Environmental characteristics   Climatic       Operating temperature min.     0 °C       Operating temperature min.     2-0 °C       Storage temperature max.     55 °C       Storage temperature max.     75 °C       Contornity     Product standard       Product standard     EN 61131-2       Connection type 3     Connection type 3       Connection type 3     Internal system connection       Connection type 3     Internal system connection       Color contact carrier     black       No. of poles     6       PIN 1     24 V DC (Uns)       PIN 2     0 V       PIN 4     24 V DC (US)       PIN A     ProfiBus A		10
Suitable for mounting type2-hole screw mountingHeight151 mmWidth50 mmDepth50.3 mmEnvironmental characteristics   ClimaticOperating temperature min.0 °COperating temperature max.55 °CStorage temperature max.55 °CStorage temperature max.75 °CConformityProduct standardEN 61131-2Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 424 V DC (US)PIN AProfiBus A		16
Height151 mmWidth50 mmDepth50,3 mmEnvironmental characteristics   ClimaticOperating temperature min.0 °COperating temperature max.55 °CStorage temperature min20 °CStorage temperature max.75 °CContomityProduct standardEN 61131-2Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 424 V DC (US)PIN AProfiBus A	Mechanical data   Mounting data	
Width50 mmDepth50,3 mmEnvironmental characteristics   ClimaticOperating temperature min.0 °COperating temperature max.55 °CStorage temperature min20 °CStorage temperature max.75 °CContornityProduct standardEN 61131-2Connection type 3Connection type 1Bus InConnection type 3Connection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 424 V DC (US)PIN AProfiBus A		
Depth50,3 mmEnvironmental characteristics   ClimaticOperating temperature min.0 °COperating temperature max.55 °CStorage temperature max.75 °CContornityProduct standardEN 61131-2Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6FIN 124 V DC (Uns)FIN 20 VPIN 424 V DC (US)PIN AProfiBus A		151 mm
Environmental characteristics   ClimaticOperating temperature min.0 °COperating temperature max.55 °CStorage temperature min20 °CStorage temperature max.75 °CContornityProduct standardEN 61131-2Connection type 3Bus InConnection type 1Bus InConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 424 V DC (US)PIN AProfiBus A		
Operating temperature min.0 °COperating temperature max.55 °CStorage temperature min20 °CStorage temperature max.75 °CConformityProduct standardEN 61131-2Connection type 3Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 30 VPIN 424 V DC (US)PIN AProfiBus A	Depth	50,3 mm
Operating temperature max.55 °CStorage temperature min20 °CStorage temperature max.75 °CConformityProduct standardEN 61131-2Connection type 3Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 424 V DC (US)PIN AProfiBus A	Environmental characteristics   Climatic	
Storage temperature min.   -20 °C     Storage temperature max.   75 °C     Conformity   Froduct standard     Product standard   EN 61131-2     Connection type 3   EN 61131-2     Connection type 1   Bus In     Connection type 2   Bus Out     Connection type 3   Internal system connection     Family construction form   HANBird     Gender   male     Color contact carrier   black     No. of poles   6     PIN 1   24 V DC (Uns)     PIN 2   0 V     PIN 3   0 V     PIN 4   24 V DC (US)     PIN A   ProfiBus A	Operating temperature min.	D° 0
Storage temperature max.75 °CConformityProduct standardEN 61131-2Connection type 3Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A	Operating temperature max.	55 °C
Conformity     Product standard   EN 61131-2     Connection type 3   Bus In     Connection type 1   Bus Out     Connection type 2   Bus Out     Connection type 3   Internal system connection     Family construction form   HANBird     Gender   male     Color contact carrier   black     No. of poles   6     PIN 1   24 V DC (Uns)     PIN 2   0 V     PIN 3   0 V     PIN 4   24 V DC (US)     PIN A   ProfiBus A	Storage temperature min.	-20 °C
Product standardEN 61131-2Connection type 3Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 424 V DC (US)PIN AProfiBus A	Storage temperature max.	75 °C
Connection type 3Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A	Conformity	
Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A	Product standard	EN 61131-2
Connection type 1Bus InConnection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A	Connection type 3	
Connection type 2Bus OutConnection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A		Bus In
Connection type 3Internal system connectionFamily construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A		
Family construction formHANBirdGendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A		
GendermaleColor contact carrierblackNo. of poles6PIN 124 V DC (Uns)PIN 20 VPIN 30 VPIN 424 V DC (US)PIN AProfiBus A		
No. of poles     6       PIN 1     24 V DC (Uns)       PIN 2     0 V       PIN 3     0 V       PIN 4     24 V DC (US)       PIN A     ProfiBus A		male
PIN 1     24 V DC (Uns)       PIN 2     0 V       PIN 3     0 V       PIN 4     24 V DC (US)       PIN A     ProfiBus A	Color contact carrier	black
PIN 2     0 V       PIN 3     0 V       PIN 4     24 V DC (US)       PIN A     ProfiBus A	No. of poles	6
PIN 3     0 V       PIN 4     24 V DC (US)       PIN A     ProfiBus A	PIN 1	24 V DC (Uns)
PIN 4     24 V DC (US)       PIN A     ProfiBus A	PIN 2	0 V
PIN A ProfiBus A	PIN 3	0 V
	PIN 4	24 V DC (US)
PIN B ProfiBus B	PIN A	ProfiBus A
	PIN B	ProfiBus B
Family construction form HANBird	Family construction form	HANBird
Gender female	Gender	female
Color contact carrier black	Color contact carrier	black
No. of poles 6	No. of poles	6
PIN 1 24 V DC (Uns)	PIN 1	24 V DC (Uns)
PIN 2 0 V	PIN 2	0 V
PIN 3 0 V	PIN 3	0 V
PIN 4 24 V DC (US)	PIN 4	24 V DC (US)
PIN A ProfiBus A		ProfiBus A
PIN B ProfiBus B	PINB	
Family construction form M12	Family construction form	M12
Gender female	Gender	female
Color contact carrier black		black
Coding A		
No. of poles 6		6

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PIN 1	24 V DC (Uns)
PIN 2	24 V DC (Uns)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V

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