

CUBE67 BUS NODES

Profibus DP

PROFIBUS DP

Conncection technology ECOFAST®

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

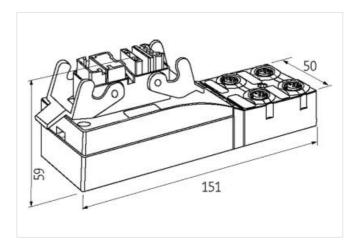
Housing fully potted.

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 d	ata	
Address range min.	0	
Address range max.	99	
Address setting type	Rotary switch	



stay connected

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 Processor (En NEC 60529) IP65 Mechanical data Mechanical data [Mounting data Mechanical data [Mounting data Suitable for mounting type 2-hole screw mounting Processor (En Nec 100 No.) Beight 151 mm Processor (En Nec 100 No.) Width 50 mm Processor (En Nec 100 No.) Depth 50,3 mm Processor (En Nec 100 No.) Environmental characteristics [Climatic Concessor (En Nec 100 No.) Processor (En Nec 100 No.) Environmental pemperature min. 0 °C Concessor (En Nec 100 No.) Processor (En Ne	Diagnostics	
Diagnosite via BLIS per module and channel Strott circuit diagnosis yas LED display Ehment connection/data traffic Overload diagnosis yas Device protection (EN ICE 08529) PDS Machanical data (Mounting data) White Production (EN ICE 08529) Stablable for mounting type 2-hole screw mounting Height 151 mm Wildin 50 mm Environmental characteristics (Climate) 50 mm Departing temperature max 55 °C Operating temperature max 55 °C Storage temperature max 75 °C Connection type 1 Bus In Connection type 2 Bus In Connection type 3 Internal system connection Family construction form HANBrid Gender male Connection type 3 Internal system connection Family construction form HANBrid Gender male Connection type 3 Internal system connection Family construction form HANBrid Gender male </th <th>Diagnostic</th> <th>No voltage, Under voltage</th>	Diagnostic	No voltage, Under voltage
Diagnostic vis LED		
Short circuit diagnosis yes		
LED display Ethernet comnection videa traffic Overload diagnosis yes Degree of protection (EN IEC 60529) IP6S Mochanical data IP6S Mechanical data (Mounting data) IP6 Mechanical data (Mounting data) Suitable for mounting type 2-hole screw mounting Heeligh 15 I mm Modernation of the properties of the pro	=	
Device protection Electrical yes Device protection Electrical Device protection (R IEC 60829) IP65 Mechanical data IP65 Mechanical data Mounting data IP65 Michanical data Mounting data IP65 Michanical data Mounting data IP66 Width 50 mm Duppin 50 mm Duppin 50 mm Environmental characteristics Climatic Climatic Operating temperature min. 0 °C Operating temperature max. 25 °C Storage temperature min. 20 °C Storage temperature min. 20 °C Contraction type 3 For C Connection type 3 For C Connection type 3 Internal system connection Family construction form HANBIRI General carrier Black No. of poles 6 PIN 1 24 V DC (Unis) PIN 2 O V PIN 3 O V PIN 4 24 V DC (Unis) PIN 3 ProfiBus A		Ethernet connection/data traffic
Degree of protection (EN IEC 60529) IP65 Mechanical data Number extension modules max. 16 Mechanical data Mounting data Suitable for mounting type 2-hole screw mounting Height 151 mm Width Width 50 mm Depth Depth 50.3 mm Province of the properation of the properature		yes
Mechanical data 16 Mechanical data Mounting data Suitable for mounting type 2-hole screw mounting Height 151 mm Width 50 mm Dopph 50 mm Environmental characteristics Climatic Operating type (and properature min. 0 °C Operating type parature min. 20 °C Storage temperature min. 20 °C Storage temperature min. 20 °C Conformity Product standard EN 61131-2 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 Profitius A PIN 4 42 V DC (Us) PIN 3 Profitius B Paramity construction form HANBird Gender	Device protection Electrical	
Mechanical data 16 Mechanical data Mounting data Suitable for mounting type 2-hole screw mounting Height 151 mm Width 50 mm Dopph 50 mm Environmental characteristics Climatic Operating type (and properature min. 0 °C Operating type parature min. 20 °C Storage temperature min. 20 °C Storage temperature min. 20 °C Conformity Product standard EN 61131-2 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 Profitius A PIN 4 42 V DC (Us) PIN 3 Profitius B Paramity construction form HANBird Gender	Degree of protection (EN IEC 60529)	IP65
Mechanical data Mounting data		
Suitable for mounting type	Number extension modules max.	16
Suitable for mounting type 2-hole screw mounting	Mechanical data Mounting data	
Height 151 mm Width 50 mm Deopth 50 mm Environmental characteristics Climatic Operating temperature min. 0 °C Operating temperature max. 55 °C Storage temperature max. 75 °C Conformity Froduct standard En 61131-2 Connection type 3 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 Filh 1 24 V DC (Urs) Filh A Profitius B Family construction form HANBird Gender (emale Color contact carrier black No. of poles 6 Filh 1 24 V DC (Urs) Filh A Profitius B Family construction form HANBird Color contact carrier black No. of poles 6 Filh 1 24 V DC (Urs) Filh A Profitius B Filh B Profitius B Family construction form HANBird Color contact carrier black No. of poles 6 Filh 1 24 V DC (Urs) Filh A Profitius B Filh B Profitius B Filh B Profitius B Filh A		2-hole screw mounting
Width 50 mm Depth 50,3 mm Environmental characteristics Climatic Operating temperature min. 0 °C Operating temperature max. 55 °C Storage temperature max. 75 °C Conformity EN 61131-2 Connection type 3 Connection type 3 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 FIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 5 Profitus B Family construction form HANBird Gender female Color contact carrier black No. of poles 6 PIN 6 Profitus B Parally construction form HANBird Gender female		
Depth 50,3 mm Environmental characteristics Cilmatic Operating temperature min. 0 °C Operating temperature max. 55 °C Storage temperature max. 75 °C Conformity Today (Contection type 3) 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 FIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 8 Profilus A Family construction form HANBird Gender female Color contact carrier black No. of poles 6 Family construction form HANBird Gender female Color contact carrier black No. of poles 6 6 PIN 1		
Environmental characteristics Climatic Operating temperature min. 0 °C Operating temperature max. 55 °C Storage temperature max. 75 °C Storage temperature max. 75 °C Connection type Emperature max. Emperature max. Connection type Emperature max. Connection type 3 Emperature max. Connection type 3 Bus Out Connection type 3 Internal system connection Earnily construction form HANBIRI Gender male Color contact carrier black No. of poles 6 PIN 3 0 V PIN 4 24 V DC (Us) PIN 5 0 V PIN 6 ProfiBus A PIN 1 24 V DC (Us) PIN 1 24 V DC (Us) PIN 2 0 V PIN 3 0 V PIN 4		
Operating temperature min. 0 °C Operating temperature min. 55 °C Storage temperature max. 75 °C Storage temperature max. 75 °C Conformity FN 61131-2 Connection type 3 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 (Urs) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female Color contact carrier black No. of poles 6 FIN 1 24 V DC (Us) PIN 2 0 V PIN 3 0 V PIN 4 </td <td></td> <td></td>		
Storage temperature max. 55 °C		
Storage temperature min. -20 °C		
Storage temperature max. 75 °C		
Conformity Product standard EN 61131-2 Connection type 3 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 8 ProfiBus A PIN 9 ProfiBus B Family construction form HANBird Gender female 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 (Uns) PIN 5 0 V PIN 6 24 V DC (Us) PIN 7 24 V DC (Us) PIN 8 ProfiBus A PIN 9 ProfiBus B		
Product standard EN 61131-2 Connection type 3 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 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 8 ProfiBus A PIN 9 ProfiBus B Family construction form HANBird Gender female 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 (Uns) PIN 5 6 PIN 6 6 PIN 7 24 V DC (Uns) PIN 8 6 PIN 9 24 V DC (Uns) PIN 4 24 V DC (Uns) PIN 5 6 PIN 6	Storage temperature max.	75 °C
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 (Us) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female Color contact carrier black No. of poles 6 6 PIN 1 PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (Us) PIN 5 0 V PIN 6 ProfiBus A PIN 7 24 V DC (Us) PIN 8 ProfiBus B Family construction form M12 Gender female Color contact carrier black	Conformity	
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 8 ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female 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 B ProfiBus A PIN B ProfiBus B Family construction form	Product standard	EN 61131-2
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 PIN B ProfiBus B Family construction form HANBird Gender female Color contact carrier black No. of poles 6 PIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 3 0 V PIN 3 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 5 ProfiBus A PIN 6 ProfiBus B Family construction form M12 Gender female Color contact carrier black Cod	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 24 V DC (US) PIN A ProfiBus B Family construction form HANBird Gender female 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 (Uns) PIN 5 6 PIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 5 ProfiBus A PIN 6 ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding </td <td>Connection type 1</td> <td>Bus In</td>	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 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus B Family construction form HANBird Gender female 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 (Uns) PIN 5 6 PIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 5 ProfiBus A PIN 6 ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding </td <td>Connection type 2</td> <td>Bus Out</td>	Connection type 2	Bus Out
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 8 ProfiBus A PIN 9 ProfiBus B Family construction form HANBird Gender female 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 5 ProfiBus A PIN 6 ProfiBus A PIN 7 ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	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 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	Family construction form	HANBird
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 B ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female 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 5 ProfiBus A PIN 6 ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	Gender	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 PIN B ProfiBus B Family construction form HANBird Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	Color contact carrier	black
PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female Color contact carrier black No. of poles 6 PIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 3 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN 4 24 V DC (US) PIN 5 ProfiBus A ProfiBus A ProfiBus A ProfiBus A Pin 6 Color contact carrier PIN 8 ProfiBus A Pin 9 ProfiBus A Pin 9 ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	No. of poles	6
PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Color contact carrier black	PIN 1	24 V DC (Uns)
PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	PIN 2	
PIN A ProfiBus A Pin B ProfiBus B Family construction form HANBird Gender female 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 4 ProfiBus A Pin B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	PIN 3	0 V
PIN A ProfiBus A PIN B ProfiBus B Family construction form HANBird Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	PIN 4	24 V DC (US)
Family construction form HANBird Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	PIN A	
Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	PIN B	ProfiBus B
Gender female 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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	Family construction form	HANBird
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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A	·	female
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 PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
PIN 1 24 V DC (Uns) PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
PIN 2 0 V PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
PIN 3 0 V PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
PIN 4 24 V DC (US) PIN A ProfiBus A PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
PIN A ProfiBus A PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
PIN B ProfiBus B Family construction form M12 Gender female Color contact carrier black Coding A		
Family construction form M12 Gender female Color contact carrier black Coding A		
Gender female Color contact carrier black Coding A		
Color contact carrier black Coding A		
Coding A		

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: 2024-05-18



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	0.1/	