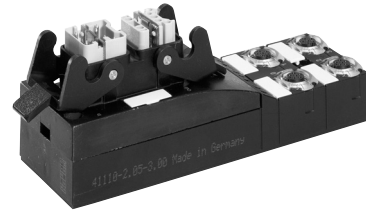


Bus nodes

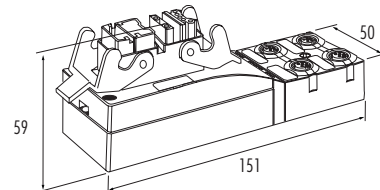
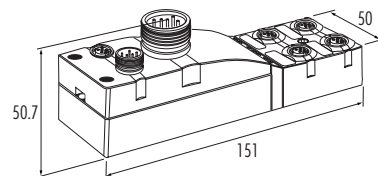
Cube67 BN-P



Cube67 BN-P for ECOFAST®



Ordering data	Art.-No.	Art.-No.
approvals		approvals
UL	56501	filed for UL 56531
Field bus		
Nominal voltage	24 V DC (18...30.2 V), to EN61131-2	
Module supply	via PIN 4 sensor supply (7/8" power)	via hybrid connector
Current usage	approx. 80 mA	
Type	Profibus DP slave	
Transfer protocol	Profibus DP	
Operating modes	Sync- and freeze-mode is supported	
Transfer rate	up to 12 MBit/s	
Status indicator		
Communication to field bus	green static = OK.; green blinking = no communication red = configuration error	
Sensor supply U_s	green = OK; red = $U < 18$ V	
Actuator supply U_a	green = OK; red = $U < 18$ V	
Internal communication U_i	static = OK; blinking = no data transfer	
Supply voltage		
Sensor supply	via 7/8" power; max. 9 A	via hybrid connector; max. 9 A
Actuator supply	via 7/8" power; max. 9 A	via hybrid connector; max. 9 A
Bridge internal system connection	each female having a max. 4 A per PIN	
General data		
Connection plug	—	plastic hybrid connector (ILME or Harting) (additional on request)
Protection	IP67	IP65
Temperature range	0...+55 °C (storage temperature -20...+75 °C)	
Mounting method	2-hole screw mounting	
Dimension	H x W x D 50.7 x 151 x 50 mm	59 x 151 x 50 mm
Dimension drawing		



Notes

Accessories, terminators and blind plugs see page 2.1.24. Contact layout see page 2.1.25. Connection cables can be found in chapter 1.4...
All housings are potted. ECOFAST® is a registered trademark of Siemens

Bus nodes

Protection IP67

Cube67 BN-DN

DeviceNet

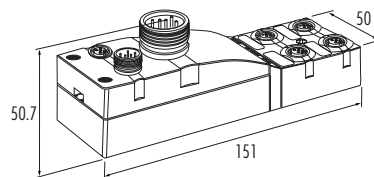


Cube67 BN-C

CANopen



Ordering data	Art.-No.	Art.-No.
approvals		approvals
UL	56502	UL 56504
Field bus		
Nominal voltage	24 V DC (18...30.2 V), to EN61131-2	
Module supply	via M12 bus connection	PIN 4 sensor supply (7/8" power)
Current usage	approx. 70 mA	
Type	DeviceNet slave	CANopen slave
Transfer protocol	DeviceNet to ODVA	CANopen
Operating modes	polling; change of state; cyclic	synchron-/asynchron-/RTR support
Transfer rate	125, 250 and 500 kBit/s	10, 20, 50, 125, 250, 500, 800, 1000 kBit/s
Status indicator		
Communication to field bus	MS-module status, NS-network status LED, to ODVA	Bus-RUN, ERR-LED
Sensor supply U_s	green = OK; red = $U < 18$ V	
Actuator supply U_a	green = OK; red = $U < 18$ V	
Internal communication U_s	static = OK; blinking = no data transfer	
Supply voltage		
Sensor supply	via 7/8" power; max. 9 A	
Actuator supply	via 7/8" power; max. 9 A	
Bridge internal system connection	each female having a max. 4 A per PIN	
General data		
Temperature range	0...+55 °C (storage temperature -20...+75 °C)	
Mounting method	2-hole screw mounting	
Dimension	H x W x D	50.7 x 151 x 50 mm
Dimension drawing		



Notes
Accessories, terminators and blind plugs see page 2.1.24. Contact layout see page 2.1.25. Connection cables can be found in chapter 1.4... All housings are potted.