

> PRIVA BLUE ID S-LINE BE120/BE180/BE360

Bus extension module



An Priva Blue ID S-Line BE120/BE180/BE360 connects I/O modules to each other if they are not physically located next to each other. This allows the system to be mounted across a number of DIN rails and facilitates optimal use of the maximum width of the control cabinet.

Characteristics

- the I/O modules can be positioned freely
- available in three lengths

Simple installation

The BE module comprises a cable with connectors at each end. The connectors are clicked onto the DIN rails and connected to the neighbouring module.

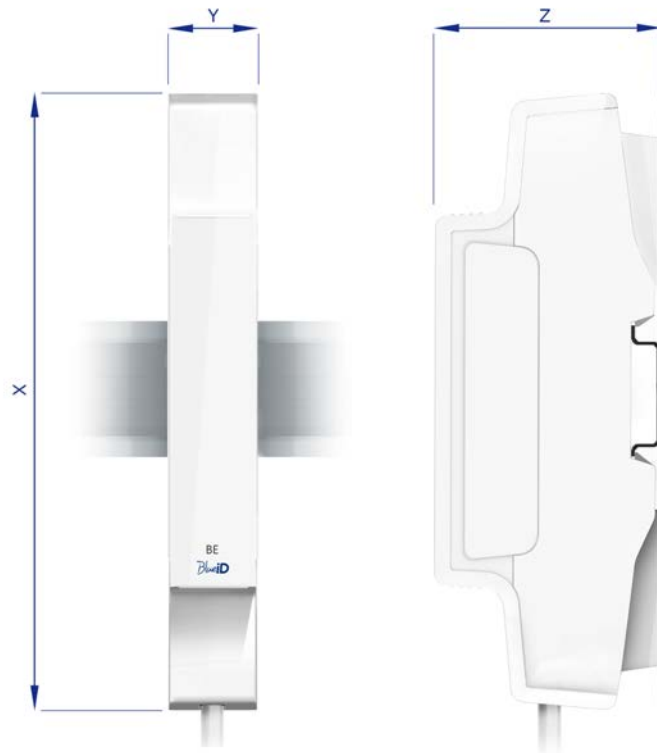
BE module specifications

General			
Article description	Priva Blue ID S-Line BE120 Bus extension module	Priva Blue ID S-Line BE180 Bus extension module	Priva Blue ID S-Line BE360 Bus extension module
Article number	5055001 (V01:00 and higher)	5055002 (V01:00 and higher)	5055003 (V01:00 and higher)
Cable length	120 cm (47.24 inches)	180 cm (70.86 inches)	360 cm (141.73 inches)
Dimensions (XYZ) ¹	161.5 x 23.4 x 57.6 mm (6.36 x 0.92 x 2.27 inches)		
Weight	190 grams	210 grams	270 grams
Maximum supply current	2.5 A	2.5 A	2.5 A
MTBF ²	8,760,000 hours	8,760,000 hours	8,760,000 hours
Construction	two removable modules, connected by a cable		
Installation	clicks onto DIN rail		
Material	mixture of polycarbonate and ABS		

¹ Excluding 1.1 mm room between the modules

² The MTBF is calculated according to the *Telcordia SR-332 standard Issue 2* under the following conditions:

- ambient temperature: 35 ... 50 °C
- supply voltage: 24 VDC
- time in operation per day: 24 hours
- reliability level: 60 %







General specifications of controllers, modules and bases

Housing	
IP code	IP30 (IEC 60529)
Flammability class	V-0 (UL 94)
Recycle code	7
Colour	release surfaces of module and DIN rail release: blue (RAL5013) other parts: white (RAL9003)
Device type	open device, for use in a pollution degree 2 environment

Installation and connection	
Installation	<p>in control panel:</p> <ul style="list-style-type: none"> • accessible to authorized personnel only • can be clicked onto the DIN rail that is positioned horizontally or vertically on the mounting plate <p>Note: The controller, SC module and SN module may only be mounted horizontally.</p> <p>in panel door integration in control panel:</p> <ul style="list-style-type: none"> • accessible to authorized personnel only • can be clicked onto the DIN rail that is positioned horizontally on the mounting plate
DIN-rail type	35 x 7.5 mm (height x depth), in accordance with IEC 60715
Maximum width of I/O modules, bus extension modules and controller	20 mm

Environment	
Permitted temperature inside control cabinet during normal operation with horizontally mounted modules only (without airflow)	0 ... 50 °C
Permitted temperature inside control cabinet during normal operation with vertically mounted modules only (without airflow)	0 ... 35 °C
Permitted temperature during transport and storage	-20 ... 70 °C
Permitted relative ambient humidity	10 % ... 95 % (non-condensing)
Shock and vibration resistance	IEC 61131-2
Installation category	II

Legislation and standards	
Canada / USA	 <ul style="list-style-type: none"> • UL 508:2005 (industrial control equipment) • UL 916:2007 (energy management equipment) • UL 61010-1:2004 (measurement and control equipment) • CSA C22.2 No 14-10: 2011 (industrial control equipment) • CSA C22.2 No 205-12: 2012 (signal equipment) • CSA C22.2 No 61010-1-04 (measurement and control equipment)
	EMC <ul style="list-style-type: none"> • complies with 47 CFR Part 15 Subpart B, Class B (FCC Rules) Operation is subject to the following two conditions: <ol style="list-style-type: none"> 1. This system may not cause harmful interference. 2. This system must accept any interference received, including interference that may cause undesired operation. • ISM-system, complies with Canadian ICES-001
Europe	 <ul style="list-style-type: none"> • Low voltage directive 2006/95/CE: <ul style="list-style-type: none"> • EN 61010-1:2010 (measurement and control equipment) • EMC directive 2004/108/EC: <ul style="list-style-type: none"> • EN 61326-1:2006 (measurement and control equipment) • EN 61000-6-2:2005 (generic immunity standard) • EN 61000-6-3:2007 (generic emission standard) • RoHS directive 2011/65/EU
	 <p>complies with the WEEE directive 2002/96/EC</p>
International	 <ul style="list-style-type: none"> • The Priva Blue ID S10 Controller is BTL registered at BACnet International. • The Priva Blue ID S10 Controller is BACnet certified in accordance with ISO 16484-5/6. • Priva is a member of the BACnet Interest Group Europe.

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