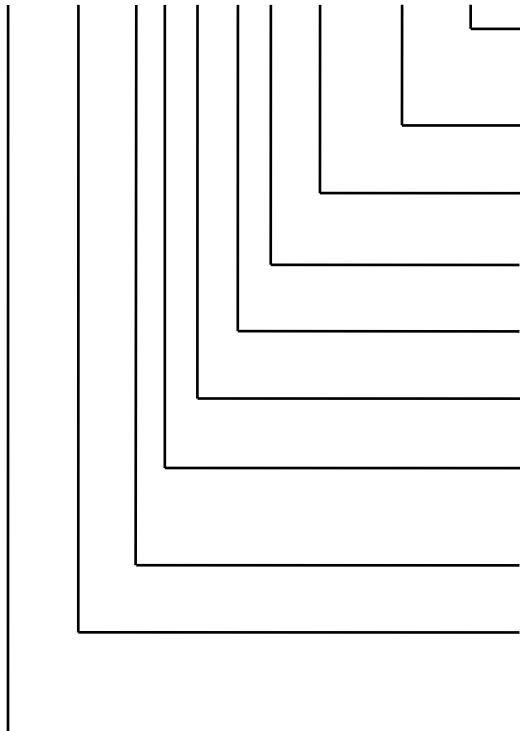


BIC XB0-ITA50-Q40KFU-SM4AXA



Connector 2

A4A - axial position, 4 poles, a-coded
A5A - axial position, 5 poles, a-coded

Connector 1

SM4 - Connector, metric M12

Housing type

KFU - Plastic, socket 12 mm, convertible active surface

Housing dimension

40 - 40mm by 40mm by 40mm

Housing shape

Q - cubical housing

Output current rating

50 – 0.5 amps

Firmware

A - Standard
0 - Custom

Communication protocol

IT - IO-Link Standard


Function

1B0 - Base
2B0 - Remote

Basic Type Designation

BIC - Bidirectional Inductive Coupler

General information

 Programmable Controller	File	E319845 Vol. 1 Sec. 8
	Enclosure rating	Type 1
	Ambient temperature	40° C

Attention:

Please clean only with dry cloth or cloth dampened only with water!
For use with an isolated type or SELV Power supply.

Power Ratings

Model	Nominal Rating Voltage	Type	Current Ratings
BIC 1B0-xxx50-Q40KFU	24 Vdc	Power Input	0.5 A max.
BIC 2B0-xxx50-Q40KFU	24 Vdc	Power Output	0.5 A max.

Output of receiver module meets limited energy requirements and did not exceed 1.25 amps.

Cord Sizes

Cord assembly – Listed or R/C (CYJV2) cord assembly with threaded male A-coded M12 connector rated 24 V minimum, 2 A minimum. R/C (AVLV2) marked or specified in UL style page as suitable for external interconnection Cord rated 300 V minimum, 24 AWG minimum unless marked with maximum load current and overcurrent protection for the cord in accordance with the table below.

Cord conductor size, AWG	Overcurrent protection maximum ampere rating, Amps
22	Not Required
24	Not Required
26	1.0
28	0.8
30	0.5

Additional information can be found in the corresponding manual on our webpage <http://www.balluff.com>

Balluff GmbH	Schunwaldstrasse 9 73765 Neuhausen a.d.F. Germany	Tel. +49 7158 173-0 Fax +49 7158 5010	balluff@balluff.de
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