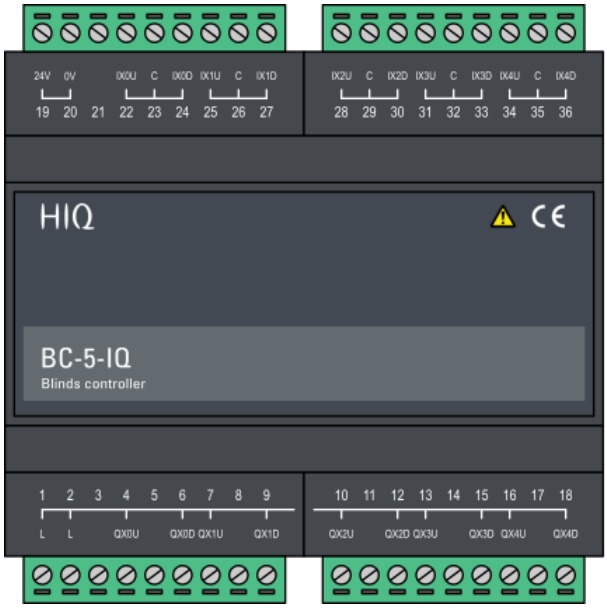
Blinds controller

5× blinds position controller



Model number:	**BC-5-IQ**
Mounting:	DIN rail, 6M, 106mm
Dimensions:	106x108x58mm

Applications

- Blinds
- Curtains
- Awnings
- Shades
- Projector screen and lift

Basically all type of bidirectional motorized blinds with built-in limit switches.

Features

- Smart short/long press positioning
- Easy travel time set-up; different times for both directions
- Optional, adjustable intermediate position
- Automatic correction at boundary position
- PC, smartphone and cloud connectivity

General description

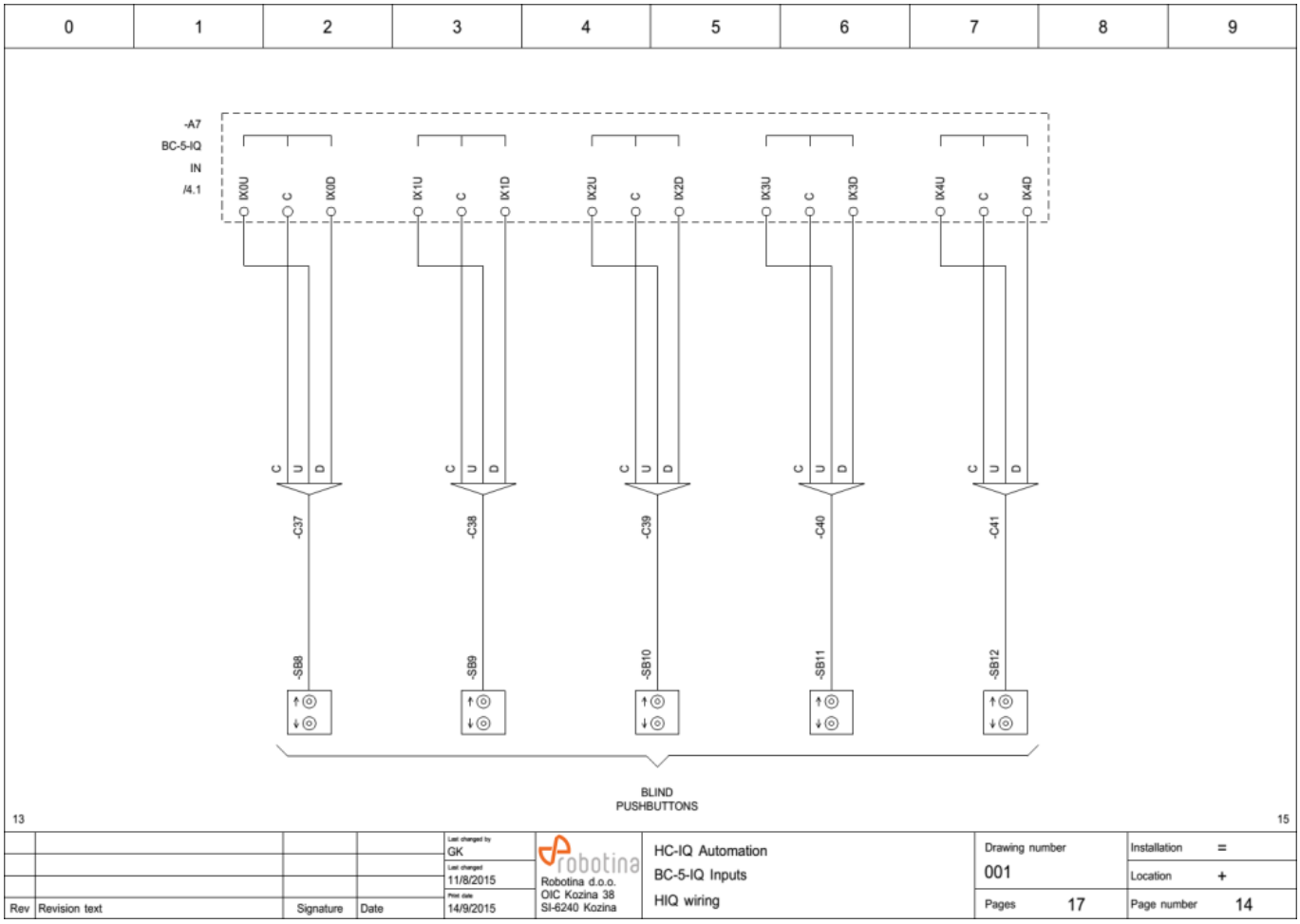
HIQ module for blinds and all kind of shadings driven by 2 way electric motor with integrated limit switches. Local control with up / down buttons. Advanced functionality including smart-phone operation, internet operation, scenes, HIQ automations, automatic weather response and more are provided when connected to HIQ Home Controller.

Technical specification

Output power per relay:	200W
Total output power (all relays):	2000W
Inputs	internal pull-up, 12V, 2mA
Maximum input cable length:	50m
Power supply:	24V / max. 95mA
Ingress protection:	IP20
Operating temperature:	0..45°C
Storage temperature:	-20..75°C
Relative humidity:	0..95% n/c

Terminals

Blinds power supply	**L**	**1**	Relay inputs common	Power supply	**19**	**24V**	+24 VDC power supply
	L	**2**			**20**	**0V**	0 VDC power supply
		3			**21**		
Blinds 0 up live	**QX0U**	**4**	Relay output 0 up	Digital input 0 up	**22**	**IX0U**	Blinds 0 up push-button
		5			**23**		
Blinds 0 down live	**QX0D**	**6**	Relay output 0 down	Digital input 0 down	**24**	**IX0D**	Blinds 1 down push-button
Blinds 1 up live	**QX1U**	**7**	Relay output 1 up	Digital input 1 up	**25**	**IX1U**	Blinds 2 up push-button
		8			**26**		
Blinds 1 down live	**QX1D**	**9**	Relay output 1 down	Digital input 1 down	**27**	**IX1D**	Blinds 3 down push-button
Blinds 2 up live	**QX2U**	**10**	Relay output 2 up	Digital input 2 up	**28**	**IX2U**	Blinds 4 up push-button
		11			**29**		
Blinds 2 down live	**QX2D**	**12**	Relay output 2 down	Digital input 2 down	**30**	**IX2D**	Blinds 5 down push-button
Blinds 3 up live	**QX3U**	**13**	Relay output 3 up	Digital input 3 up	**31**	**IX3U**	Blinds 6 up push-button
		14			**32**		
Blinds 3 down live	**QX3D**	**15**	Relay output 3 down	Digital input 3 down	**33**	**IX3D**	Blinds 7 down push-button
Blinds 4 up live	**QX4U**	**16**	Relay output 4 up	Digital input 4 up	**34**	**IX4U**	Blinds 8 up push-button
		17			**35**		
Blinds 4 down live	**QX4D**	**18**	Relay output 4 down	Digital input 4 down	**36**	**IX4D**	Blinds 9 down push-button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-A7
BC-5-IQ
IN
/4.1
IX0U C IX0D IX1U C IX1D IX2U C IX2D IX3U C IX3D IX4U C IX4D
C U D
-C37 -C38 -C39 -C40 -C41
-SB8 -SB9 -SB10 -SB11 -SB12
BLIND
PUSHBUTTONS
13
15
Rev Revision text Signature Date
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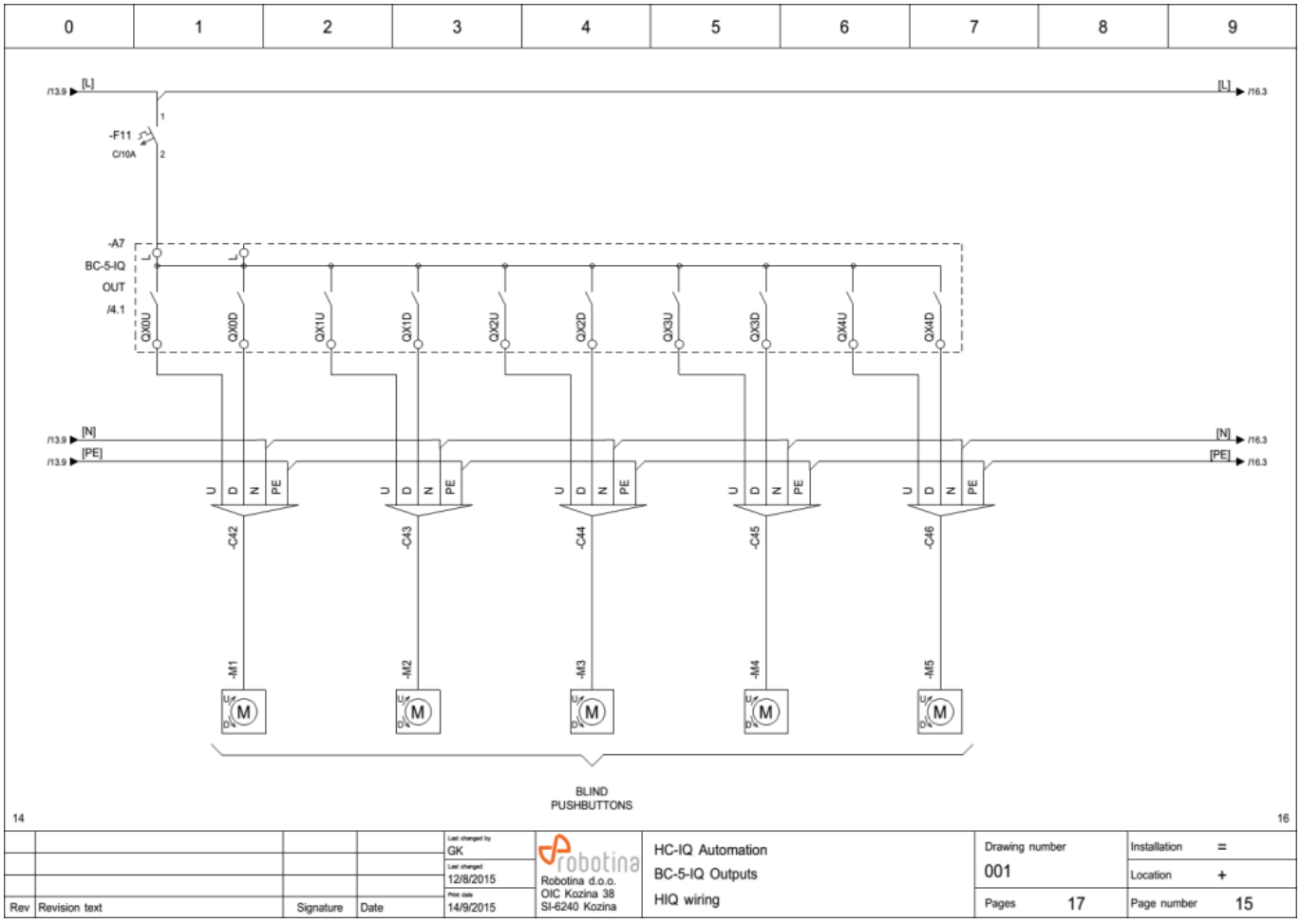
14/9/2015
Robotina d.o.o.
OIC Kozina 38
SI-6240 Kozina
HC-IQ Automation
BC-5-IQ Inputs
HIQ wiring
Drawing number 001
Pages 17
Installation =
Location +
Page number 14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/13.9 [L]
[L] /16.3
-F11
C/10A
-A7
BC-5-IQ
OUT
/4.1
QX0U QX0D QX1U QX1D QX2U QX2D QX3U QX3D QX4U QX4D
/13.9 [N]
/13.9 [PE]
[N] /16.3
[PE] /16.3
U D N PE
-C42 -C43 -C44 -C45 -C46
-M1 -M2 -M3 -M4 -M5
M
BLIND
PUSHBUTTONS
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