

ABB i-bus® KNX

Shading Control

- = Function is supported
- = Function is not supported

	Standard						SMI	
	JRA/S x.230.2.2	JRA/S x.230.5.2	JRA/S x.230.4.2	JRA/S 4.230.7.2	JRA/S x.24.2.2	JRA/S 4.24.5.2	SJR/S 4.24.2.1	JA/S 4.5MI.1M
General								
Supply voltage	KNX	KNX	KNX	KNX	KNX	KNX	KNX	KNX
Nominal voltage	230 V AC	230 V AC	230 V AC	230 V AC	24 V DC	24 V DC	24 V DC	230 V AC
Auxiliary voltage	-	-	-	-	-	-	230 V AC	230 V AC
Type of installation	MDRC	MDRC	MDRC	MDRC	MDRC	MDRC	MDRC	MDRC
Number of Outputs	2, 4, 8, 12	2, 4, 8, 12	4, 8	4	2, 4, 8	4	4x 4 SMI LoVo (broadcast)	4x 4 SMI (broadcast)
Nominal current relays	6 A	6 A	6 A	6 A	6 A	6 A	-	-
Relays type	bistable	bistable	bistable	bistable	bistable	bistable	-	-
Nominal power motor	1.380 W	1.380 W	1.380 W	1.380 W	144 W*	144 W*	-	-
Number of Inputs (Contact Scanning)	-	-	8/16	8	-	-	-	-
Module width (space unit)	4/4/8/12	4/4/8/12	6/12	8	4/4/8	4	4	4
Manual Operation	■	■	-	■	■	■	■	■
Functions (Device)								
Motor control								
Blinds	■	■	■	■	■	■	■	■
Shutters	■	■	■	■	■	■	■	■
Ventilation flap	■	■	■	■	■	■	-	-
Travel detection	-	■	■	■	-	■	-	-
Delay on turn of direction	■	■	■	■	■	■	-	-
Run time delay & minimum run time	■	■	■	■	■	■	■	■
Swap direction of rotation	■	■	■	■	■	■	-	-
Dead times	■	■	■	■	■	■	-	-
Reference movement	■	■	■	■	■	■	-	-
Calibration movement	-	■	■	■	-	■	-	-
Support of motors with two lower end positions	-	-	-	■	-	-	-	-
Safety								
Weather alarms & central securities	■	■	■	■	■	■	■	■
Forced operation	■	■	■	■	■	■	■	■
Individual securities	■	■	■	■	■	■	-	-
Automatic sun protection								
Block direct or automatic commands	■	■	■	■	■	■	■	■
Glare protection	■	■	■	■	■	■	■	■
Heating/Cooling	■	■	■	■	■	■	■	■
Overheat protection	■	■	■	■	■	■	-	-
Call up & save KNX scenes	■	■	■	■	■	■	■	■
SMI	-	-	-	-	-	-	■	■
Special functions								
KNX Data Secure	■	■	■	■	■	■	-	-
Sector control	■	■	■	■	■	■	-	-
Working position	■	■	■	■	■	■	-	-
Logic & Threshold	■	■	■	■	■	■	-	-
Transmission and switching delay	■	■	■	■	■	■	-	-
Reaction after KNX voltage failure/recovery	■	■	■	■	■	■	■	■
Status messages	■	■	■	■	■	■	■	■
i-bus®-Tool	■	■	■	■	■	■	-	-