

OVERVIEW OPERATORS

Technical details and specifications

		LA250EVK	LA300EVK	LA400EV*	AA250EVK
Usage	Swing gate	1 and 2 leaf standard	1 and 2 leaf standard	1 and 2 leaf standard	1 and 2 leaf wide pillar
	Sliding Gate	-	-	-	-
Mechanical	Max. gate leaf weight, kg	250 kg	300 kg	250 kg --> 300kg	250 kg
	Max. gate leaf width, m	2,5 m	3 m	4 m	2,5 m
	Gate leaf weight / width relation	250 kg / 1,5 m 200 kg / 2 m 150 kg / 2,5 m	300 kg / 2 m 250 kg / 2,5 m 200 kg / 3 m	250 kg / 4 m 160 kg / 5 m 140 kg / 5,5 m	250 kg / 1,5 m 200 kg / 2 m 150 kg / 2,5 m
	Max. opening angle	110°	120°	125°	120°
	Torque / Pulling force	125 daN	150 daN	250 daN	200 Nm
	Time to open to 90°	15-18 s	15-18 s	15 s	13-15 s
	Piston travel	300 mm	350 mm (w/o hardstops) 300 mm (with hardstops)	400 mm	-
Limit Switch system	encoder, gate hard-stop in open and close required	encoder, gate or operator hardstop in open and close required	Passpoint system	encoder, hardstop in open and close required	
Electrical	Input Voltage	220-240 V AC	220-240 V AC	230-240 V AC	220-240 V AC
	Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Motor Voltage	24 V DC	24 V DC	24 V DC	24 V DC
	Standby consumption	3.7 W	4.2 W	4 W	3.2 W
	Cable length	1.5 m	1.5 m	3 m	-
	Battery back-up***	enabled	enabled	/	enabled
	Control board	external	external	external	built-in
Features	Automatic Force learning	x	x	x	x
	Automatic force reversal	x	x	x	x
	Soft Start / Soft Stop, adjustable	x	x	Soft-Stop only	x
	Force adjustment	x	x	-	x
	Speed adjustment	x	x	-	x
	Partial opening mode	x	x	x	x
	Adjustable Automatic Close (Timer to Close)	x	x	x	x
	Password protection	x	x	-	x
	LED Display for programming	x	x	-	x
	Maintenance counter	x	x	-	x
	2 wings application	x	x	x	x
	Wing 1 and Wing 2 delay in open and close, adjustable	x	x	x	x
	Individual IR settings	max. 3 IRs	max. 3 IRs	pre-defined, 3 IRs	max. 3 IRs
	Individual input setting	max. 3 inputs	max. 3 inputs	pre-defined	max. 3 inputs
Safety device autodetect (IRs, Safety Edge)	x	x	x	x	

		LA250EVK	LA300EVK	LA400EV*	AA250EVK
Connectors	Safety edge connector (8.2 K)	x	x	x	x
	IRs connector	x	x	x	x
	E-Lock / Mag-Lock connector	x	x	x	x
	Accessory output (max. 500 mA)	24VDC	24VDC	30VDC (max. 600mA)	24VDC
	Flashing Lamp connector	x	x	x	x
	Input connector (key switch, push button etc.)	x	x	x	x
	Relay connector	x	x	x	x
	Battery Back-up connector	x	x	x	x
	Synchronisation for 2 leaf application	-	-	-	-
Radio					
Radio	Operating Radio Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz
	myQ	enabled	enabled	enabled	enabled
	Code	Security+ 2.0	Security+ 2.0	Security+ 2.0	Security+ 2.0
	Max. nr of remotes	180	180	180	180
	Max. nr. of keypads	4	4	4	4
	Smartphone Control ****	enabled	enabled	enabled	enabled
	Max. nr. of myQ devices	16	16	16	16
Conditions of use					
Conditions of use	Max. cycles per hour	8	10	16	10
	Max. cycled per day	25	30	50	30
	Working temperature	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
	Ingress protection	IP44	IP44	IP44	IP44
	Noise Level	< 70 db(A)	< 70 db(A)	< 70 db(A)	< 70 db(A)
	Weight	19.6 kg	20.5 kg	8.2 Kg	20 kg

* all data in combination with CB124EV

** 2 leaf application possible via synchronisation function. 2nd sliding gate operator required.

*** Limited functionality in Battery Back-up operation

**** requires usage of a myQ gateway and a presence detecting device (IRs)

OVERVIEW OPERATORS

Technical details and specifications

		SUB324M*	SL400EVK	SL600EVK	SL1000EVK
Usage	Swing gate	1 and 2 leaf underground	-	-	-
	Sliding Gate	-	1 and 2 leaf**	1 and 2 leaf**	1 and 2 leaf**
Mechanical	Max. door leaf weight, kg	300 kg	400 kg	600 kg	1000 kg
	Max. door leaf width, m	2.5 m	5 m	8 m	12 m
	Gate leaf weight / width relation	300 kg / 1.5 m 250 kg / 2 m 200 kg / 2.5 m"	-	-	-
	Max. opening angle	180°	-	-	-
	Torque / Pulling force	350 Nm	400 N	600 N	800 N
	Time to open to 90°	15 s	-	-	-
	Standard opening speed	-	250 mm/sec	250 mm/sec	250 mm/sec
	Piston travel	-	-	-	-
	Limit Switch system	Passpoint system	Encoder with magnet	Encoder with magnet	Encoder with magnet
Electrical	Input Voltage	230-240 V AC	220-240 V AC	220-240 V AC	220-240 V AC
	Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Motor Voltage	24 V DC	24 V DC	24 V DC	24 V DC
	Standby consumption	4 W	4.45 W	4.4 W	4.2 W
	Cable length	2 m	-	-	-
	Battery back-up***	enabled	enabled	enabled	enabled
	Control board	external	built-in	built-in	built-in
	Features	Automatic Force learning	x	x	x
Automatic force reversal		x	x	x	x
Soft Start / Soft Stop, adjustable		Soft-Stop only	x	x	x
Force adjustment		-	x	x	x
Speed adjustment		-	x	x	x
Partial opening mode		x	x	x	x
Adjustable Automatic Close (Timer to Close)		x	x	x	x
Password protection		-	x	x	x
LED Display for programming		-	x	x	x
Maintenance counter		-	x	x	x
2 wings application		x	x	x	x
Wing 1 and Wing 2 delay in open and close, adjustable		x	-	-	-
Individual IR settings		pre-defined, 3 IRs	max. 3 IRs	max. 3 IRs	max. 3 IRs
Individual input setting		pre-defined	max. 3 inputs	max. 3 inputs	max. 3 inputs
Safety device autodetect (IRs, Safety Edge)		x	x	x	x

		SUB324M*	SL400EVK	SL600EVK	SL1000EVK
Connectors	Safety edge connector (8.2 K)	x	x	x	x
	IRs connector	x	x	x	x
	E-Lock / Mag-Lock connector	x	x	x	x
	Accessory output (max. 500 mA)	30VDC (max. 600 mA)	24VDC	24VDC	24VDC
	Flashing Lamp connector	x	x	x	x
	Input connector (key switch, push button etc.)	x	x	x	x
	Relay connector	x	x	x	x
	Battery Back-up connector	x	x	x	x
	Synchronisation for 2 leaf application	-	x	x	x
Radio	Operating Radio Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz
	myQ	enabled	enabled	enabled	enabled
	Code	Security+ 2.0	Security+ 2.0	Security+ 2.0	Security+ 2.0
	Max. nr of remotes	180	180	180	180
	Max. nr. of keypads	4	4	4	4
	Smartphone Control ****	enabled	enabled	enabled	enabled
	Max. nr. of myQ devices	16	16	16	16
Conditions of use	Max. cycles per hour	/	7	8	10
	Max. cycled per day	60	25	27	30
	Working temperature	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C	-20°C to +55°C
	Ingress protection	67	44	44	44
	Noise Level	< 70 db(A)	< 70 db(A)	< 70 db(A)	< 70 db(A)
	Weight	9.1 kg	11.1 kg	11.3 kg	11.5 kg

* all data in combination with CB124EV

** 2 leaf application possible via synchronisation function. 2nd sliding gate operator required.

*** Limited functionality in Battery Back-up operation

**** requires usage of a myQ gateway and a presence detecting device (IRs)