

Electrical data

Mains connection 230 V	
▫ Mains voltage	230 V AC –15 %, + 10 %
▫ Frequency	50 Hz
110 V mains connection	
▫ Mains voltage	110 V AC –10 %, + 10 %
▫ Frequency	60 Hz
Slimdrive and ECdrive variants	
▫ Capacity rating	140 W
▫ Primary fuse	2 A slow-blow, 5 x 20 mm
Powerdrive variants	
▫ Capacity rating	200 W
▫ Primary fuse	2.5 A slow-blow, 5 x 20 mm
General electrical data	
▫ Protection class	I
▫ Mains connection	Fixed connection (installation cable)
▫ Secondary voltage (transformer)	33 V AC (46 V DC)
▫ Control voltage for external components	24 V DC ±10 %
▫ Output current control voltage	1 A
▫ Fuse protection <24 V	1.25 A slow-blow, 5 x 20 mm
▫ Temperature range	–15 °C ... +50 °C
▫ IP rating	IP20

Abbreviations

Wire colours

BN	brown	GN	green	OG	orange	TQ	turquoise
BK	black	GY	grey	PK	pink	VT	violet
BU	blue	YE	yellow	RD	red	WH	white

Connections, terminals and plugs

AIR	Active infrared detector	MPS	Mechanical programme switch	ST 220	Service terminal ST 220
APO	Pharmacy opening	NA	Night mode	STG	Fault
AU	Automatic	N.C.	Not assigned	SYNC	Synchronisation
DO	Hold open	NC	Normally closed contact (normally closed)	TEMP	Temperature sensor
DPS	Display programme switch	NO	Normally opened contact (normally open)	Test	Test input
ENC	Incremental encoder	NOTVER	Emergency lock	TPS	Keypad programme switch
GND	Reference potential	OFF	Off	TST	Test signal safety sensors
IR	Infrared	ÖW	Opening width	ULKD	Unlocked
KA	Contact sensor outside	PA	Programmable output	+UB	Supply voltage +
KB	Mechanical contact	PE	Programmable input	–UB	Supply voltage –
KI	Contact sensor inside	PROG	Programming interface	24V	Supply voltage for external devices (load at the terminals 24V and 24Vsw together maximum 1 A)
LK	Luster terminal	PS	Programme switch	24VAKKU	Supply in event of power failure, max. 20 mA
LCK_A	Locking mechanism, A	RBM	Radar movement detector	24Vsw	Switchable supply voltage for external devices (load at the terminals 24V and 24Vsw together maximum 1 A)
LCK_B	Locking mechanism, B	RUN	Status display		
LKD	Locked	RS485	Communication signal to DPS, ST 220		
LS	Exit only	SABO	Sabotage		
M1A	Motor gear unit 1, A	SCR	Screen		
M2A	Motor gear unit 2, A	SHLD	Shield		
M1B	Motor gear unit 1, B	SIO	Safety sensor “open”		
M2B	Motor gear unit 2, B	SIS	Safety sensor “close”		

