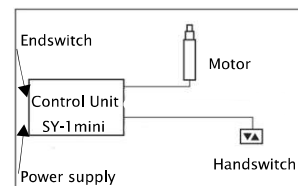


Controller SY 1 mini

for one motor/lifter



Controllers Article number	Unit	SY1 mini, with power supply 27V SYM1-ON-S-78-27	SY1 mini, no power supply 27V SYM1-ON-O-78-27	SY1 mini, with power supply 12V SYM1-ON-S-78-12	SY1 mini, no power supply 12V SYM1-ON-O-78-12
Technical datas					
Output power	VA	180	180	180	180
Input voltage	VDC	12-36	12-36	12-36	12-36
Output voltage	VDC	27	27	12	12
Power consumption	A	max 5,0	max 5,0	max 5,0	max 5,0
Protection class		II	II	II	II
Protection rate IP		20	20	20	20
Motor channels		1	1	1	1
Duty cycle		1 / 9 (10 %)	1 / 9 (10 %)	1 / 9 (10 %)	1 / 9 (10 %)
Weight	kg	0,075	0,37	0,075	0,37
Size	mm	95,6 x 55,4 x 30,5	95,6 x 55,4 x 30,5	95,6 x 55,4 x 30,5	95,6 x 55,4 x 30,5
Plug type					
Output - Motor		MAS 80 S	MAS 80 S	MAS 80 S	MAS 80 S
Output - Manual switch		MAS 70 S	MAS 70 S	MAS 70 S	MAS 70 S
Output - End switch		MAS 50 S (optional)	MAS 50 S (optional)	MAS 50 S (optional)	MAS 50 S (optional)
Power supply		DC power connector 2,5mm	DC power connector 2,5mm	DC power connector 2,5mm	DC power connector 2,5mm

**Manual switch
 HS-Baseline LD/7**



Article number	HS Baseline LD7
Mounting	Hook
Keys up/down	2 keys
Memory	No
Display	No
Cable length	Coiled cord 1,5m - 2,8m
Useable with controllers	Compact/SYmini/Smart
Motor groups	1
Plug type	MAS 70

**Manual switch
 TOUCHbasic DN**



Article number	TOUCHbasic DN
Mounting	Under desk mounting
Keys up/down	2
Memory	No
Display	No
Cable length	2,2m
Useable with controllers	Compact/SYmini/Smart
Features	None
Motor groups	1
Plug type	MAS 70

**Manual switch
 TOUCHbasic IL**



Article number	TOUCHbasic IL
Mounting	Build-in
Keys up/down	2
Memory	No
Display	No
Cable length	1,8m
Useable with controllers	Compact/SYmini/Smart
Features	None
Motor groups	1
Plug type	MAS 70

**Manual switch
 HSX-OD-2-LD**



Article number	HSX-OD-2-LD
Mounting	Under desk mounting
Keys up/down	2 keys
Memory	No
Display	No
Cable length	1,6m
Useable with controllers	Compact/SYmini/Smart
Motor groups	1
Plug type	MAS 70

**Manual switch
 HSE-MDF-2-LD**



Article number	HSE-MDF-2-LD
Mounting	Build-in D = 55mm
Keys up/down	2 keys
Memory	No
Display	3-digit LCD
Cable length	1,9m
Useable with controllers	Compact/SYmini/Smart
Motor groups	1
Plug type	MAS 70

Foot switch



Article number	EL-Fuss LD/7
Keys	2
Memory	No
Display	No
Motor groups	1
Content	
Useable with controllers	Compact/SY1mini/Smart/SCT
Cable length	Coiled cord max. 1,7m
Frequenz	None
Plug type	MAS 70

CONTROLLER SY 1 MINI - REMOTE CONTROL

RC-Remote Control



Article number	RFU/CDS2-RB01-1D-LD
Keys	2
Memory	No
Display	No
Motor groups	1
Content	Controller and receiver
Useable with controller type	Compact/SY1mini/Smart
Cable length	1,8m
Frequenz	869,85 MHz
Plug type	MAS 70

CONTROLLER SY 1 MINI - ACCESSOIRES

Hand switch split cable



Article number	ACS-CBL-HSY
Application	Connects 2 manual switches and controller
Cable length	0,2m
Useable with controller type	Compact/SYmini/Smart
Useable with manual switch	LD, Touch series
Plug type	MAS 70

Hand switch extension cable



Article number	ACS-CBL-HS-LD
Application	Connects manual switch and controller
Cable length	1,0m
Useable with controller type	Compact/SYmini/Smart
Useable with manual switch	LD und Touch series
Plug type	MAS 70

Motor extension cable

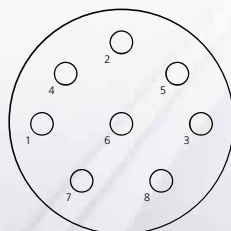


Article number	ACS-CBL-Mot-1,5m
Application	Connects motor and controller
Cable length	1,5m
Useable with controller type	Compact/SCT/SYmini/Smart
Useable with manual switch	
Plug type	MAS 80

Motor cable Compact / SY / SCT

- 1. a. 7=Motor + (-), (yellow) up/down
- 2. a. 4=Motor - (+), (grey) up/down
- 5=Hall Transmitter Gnd (brown)
- 3=Hall Transmitter + 5 V (white)
- 8=Hall Transmitter 1
open collector output (green)
- 6=Hall Transmitter 2
open collector output (blue)

Soldering side plug

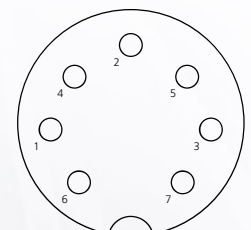


MAS80S DIN 41524

Manual Switch Compact / SY

Code	HS 1	HS 2	HS 3	HS 4
Up	1	0	0	0
Down	0	1	0	0
Memo	0	1	1	0
Pos 1	0	0	1	0
Pos 2	0	0	0	1
Pos 3	0	1	0	1
Pos 4	0	1	1	0
Pos 5	0	1	0	1
Pos 6	0	1	1	1

Soldering side



MAS70S DIN 45329

Configuration

4=HS 4	5=HS 2
1=RxD	6=TxD
2=HS 3	7=+5V
3=HS 1	