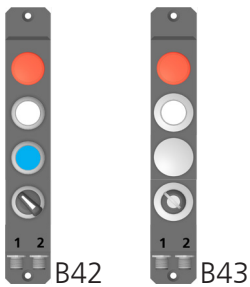


CAS-B42-##### CAS-C42-#####
CAS-B43-##### CAS-C43-#####

SIBALCO Command Smartline Standard
Aluminium housing, 1 emergency stop (position 1) + 3 positions,
2 connectors M12

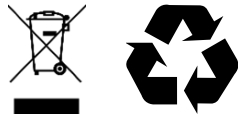
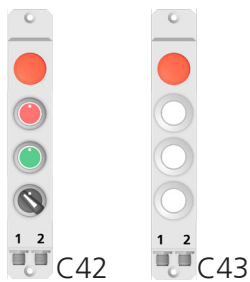


Main applications

- > machine control
- > automated production lines
- > industrial robots
- > construction machinery
- > test equipment

Features

- > finished housing surfaces for an exclusive look
- > high-quality materials – anodised aluminium housing and actuators from RAFI series RAFIX 22 FS+ or RAFIX 30 FS+
- > very compact housing dimensions: 195 x 40 x 26.5 mm
- > innovative PCB design (no wiring required)
- > ideal for individual actuator combinations
- > FLEXLAB labelling for customised solutions
- > easy assembly: quick, convenient and without wiring
- > time saving mounting for the housing: two-hole screw fastening
- > suitable for aluminium profile rails
- > connectors M12 for „Plug and Play“

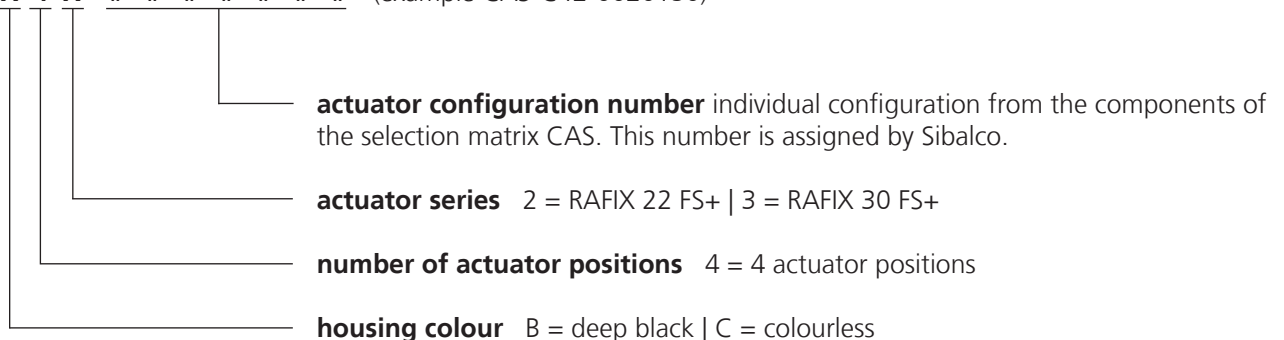


Description

SIBALCO Command - Smartline Standard is a fully assembled and tested housing including actuator- and switching elements that is ready-to-use. It can be used, wherever individual command units are required at decentralised locations. The dimensions and the mounting concept are based on the dimensions of a 40 mm profile rail.

Article number code

CAS - X 4 X - # # # # # # # # (example CAS-C42-0020150)



Technical data

> General

working temperature	-25°C to +70°C
storage temperature	-40°C to +80°C
net weight	ca. 330g
protection class front side DIN EN 60529	IP65
protection class rear side DIN EN 60529	IP54 (more on request)
RoHS compliant	yes
REACH compliant	yes
details RAFI components	see Sibalco Webshop

> Dimensions

outside dimension, length	247mm
outside dimension, width	40mm
outside dimension, height	52mm

> Actuators and connectors

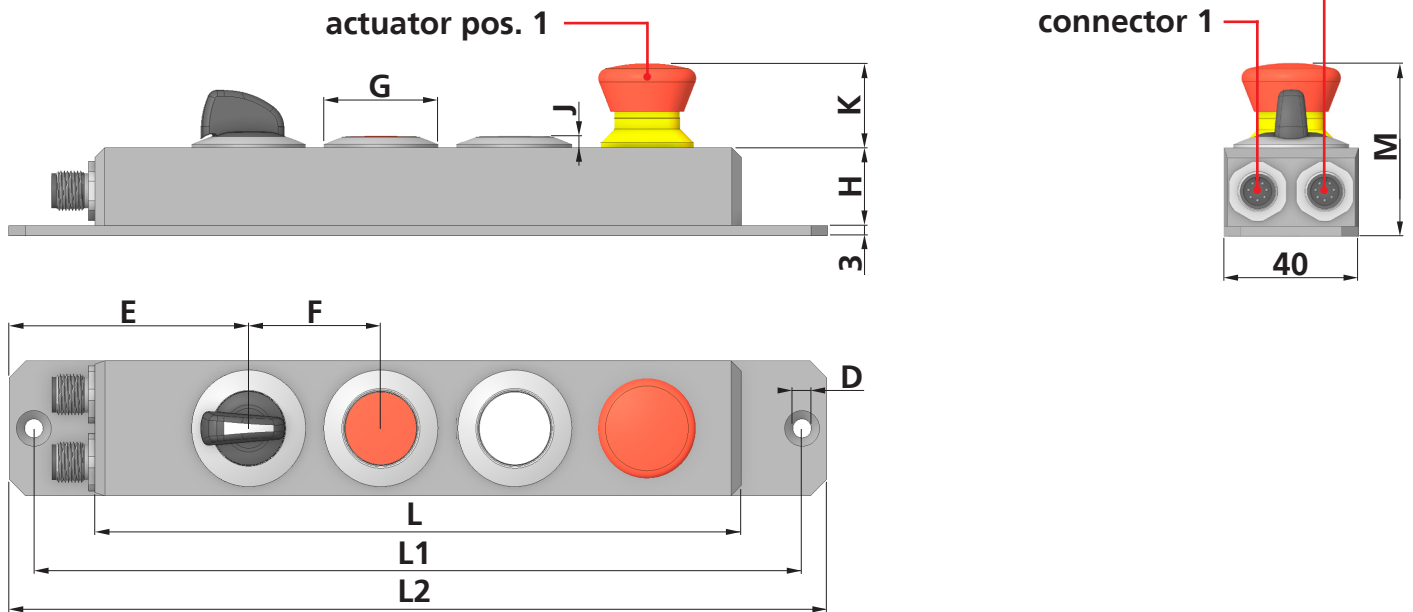
actuator position 1 (fix)	emergency stop, collar colour yellow, mushroom red head, reset by rotating, switching element 2NC (emergency stop)
actuator positions 2 to 4	individual placement, see «components selection matrix»
connector 1	M12 – 4-pole male, pin assignment see wiring diagram
connector 2	M12 – 12-pole male, pin assignment see wiring diagram

> Electrical characteristics

electrical parameters	according to IEC 60947
operating voltage of the illuminant	max. 24V
nominal operating voltage	5-35V
switching voltage, min.	10V
switching voltage, max.	35V
type of voltage	AC / DC
operating current, min.	1mA
switching current, min.	10mA
switching current, max.	4A
switching capacity, min.	0,5W
contact material switching element	silver

Drawings

> System drawing


























all dimensions in mm

Actuator diameter	L	L1	L2	G	J	H	D	E	F	K	M
Ø22	195	232	247	29.8	9.85	26.5	5.6	72.5	40	25.5	52
Ø30				34.5	3.50						

> Wiring

see product sheet

> **Components Selection Matrix CAS** for actuators RAFIX 22 FS+ and RAFIX 30 FS+

Actuator and switching elements			1	2	3	4	5	6
			Emergency stop	Signal indicator FLEXLAB	Illuminated pushbutton FLEXLAB	Illuminated selector switch 1x90° V	Key lock switch 1x90° V	Blanking caps
A	RAFIX 22 FS+ IP65 Front ring silver metallic	Emergency stop position 1 RAFIX 22 FS+ Mushroom head red with white arrows reset by rotating						
			1.30.273.301/2200	1.74.508.921/2200	1.30.270.921/2200	1.30.272.202/2200	1.30.275.302/0000	5.05.800.067/0000
			rotation		momentary	latching	latching, 0	
B	RAFIX 30 FS+ IP65 Front ring precious metal	Collar round Bezel flat						
			1.30.273.301/2200	1.74.510.011/2X00	1.30.290.921/0000	1.30.292.202/2200	1.30.295.302/0000	5.05.200.028/0000
			rotation		momentary	latching	latching, 0	
C	RAFIX FS with light guide	Universal silver						
			1NC	1NO	1NO + 1NC	2NC	2NO	2NC Emergency stop
			1.20.126.201/9000	1.20.126.202/9000	1.20.126.203/9000	1.20.126.204/9000	1.20.126.205/9000	1.20.126.604/9000
D	MICON 5 Haptic element	SMT Standard momentary 5.5N tactile						
			1NO					
			1.14.002.111/0000					
E	FLEXLAB	Bezel colour transparent						
			5.49.263.062/1000	5.49.263.062/1300	5.49.263.062/1400	5.49.263.062/1500	5.49.263.062/1600	

Further number of positions and actuator variants are available in the CAI (Individual) series.

> **Individual placement**
Example CAS-C42-0020150

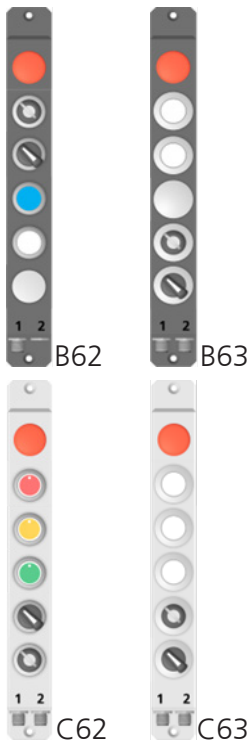


		position 1	position 2	position 3	position 4
A	actuator	A1	A2	A3	A4
B	switching element	C6	n/a	n/a	C2
C	haptic	n/a	n/a	D1	n/a
D	illumination	no	yes	yes	yes
E	bezel colour	n/a	E4	E1	n/a
F	labelling, symbol	n/a	n/a	n/a	n/a

Note certain combinations of actuators and switching elements require the use of a connector with more than 12-pole.

CAS-B62-##### CAS-C62-#####
CAS-B63-##### CAS-C63-#####

SIBALCO Command Smartline Standard
Aluminium housing, 1 emergency stop (position 1) + 5 positions,
2 connectors M12

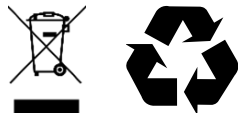


Main applications areas

- > machine control
- > automated production lines
- > industrial robots
- > construction machinery
- > test equipment

Features

- > finished housing surfaces for an exclusive look
- > high-quality materials – anodised aluminium housing and actuators from RAFI series RAFIX 22 FS+ or RAFIX 30 FS+
- > very compact dimensions: 275 x 40 x 26.5 mm
- > innovative PCB design (no wiring required)
- > ideal for individual actuator combinations
- > FLEXLAB labelling for customised solutions
- > easy assembly: quick, convenient and without wiring
- > time saving mounting of the housing: two-hole screw fastening
- > suitable for aluminium profile rails
- > connectors M12 for „Plug and Play“

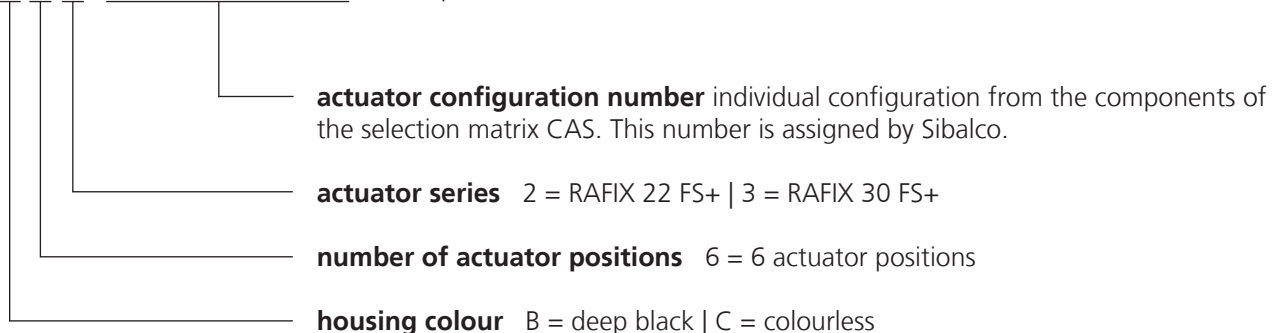


Description

SIBALCO Command - Smartline Standard is a fully assembled and tested housing including actuator- and switching elements that is ready-to-use. It can be used, wherever individual command units are required at decentralised locations. The dimensions and the mounting concept are based on the dimensions of a 40 mm profile rail.

Article number code

CAS - X 6 X - # # # # # # # # (example CAS-C63-0020130)



Technical data

> General

working temperature	-25°C to +70°C
storage temperature	-40°C to +80°C
net weight	ca. 500g
protection class front side DIN EN 60529	IP65
protection class rear side DIN EN 60529	IP54 (more on request)
RoHS compliant	yes
REACH compliant	yes
details on the RAFI components	see Sibalco Webshop

> Dimensions

outside dimension, length	327mm
outside dimension, width	40mm
outside dimension, height	52mm

> Actuators and connectors

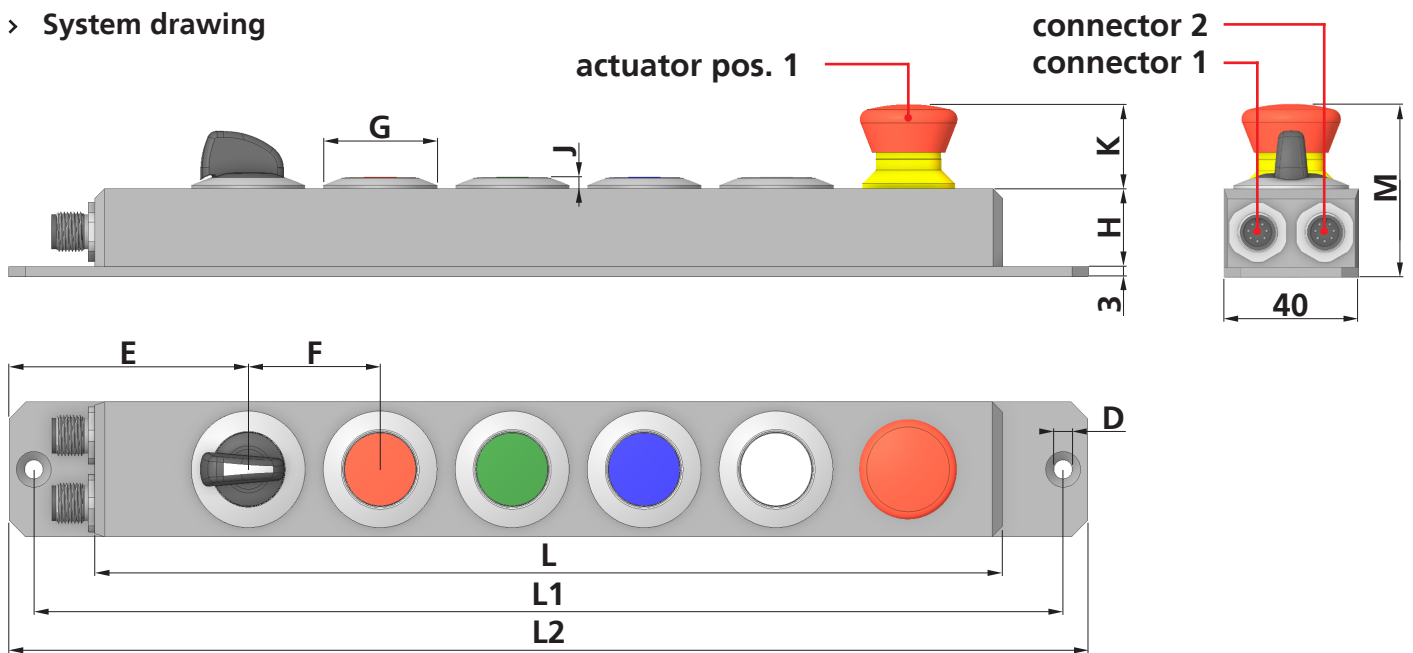
actuator position 1 (fix)	emergency stop, collar colour yellow, mushroom red head, reset by rotating, switching element 2NC (emergency stop)
actuator positions 2 to 6	individual placement, see components selection matrix
connector 1	M12 – 4-pole male, pin assignment see wiring diagram
connector 2	M12 – 12-pole male, Pin assignment see wiring diagram

> Electrical characteristics

electrical parameters	according to IEC 60947
operating voltage of the illuminant	max. 24V
nominal operating voltage	5-35V
switching voltage, min.	10V
switching voltage, max.	35V
type of voltage	AC / DC
operating current, min.	1mA
switching current, min.	10mA
switching current, max.	4A
switching capacity, min.	0,5W
contact material switching element	silver

Drawings

> System drawing



























all dimensions in mm											
Actuator diameter	L	L1	L2	G	J	H	D	E	F	K	M
Ø22	275	312	327	29.8	9.85	26.5	5.6	72.5	40	25.5	52
Ø30				34.5	3.50						

> Wiring

see product sheet

> **Components Selection Matrix CAS** for actuators RAFIX 22 FS+ and RAFIX 30 FS+

Actuator and switching elements			1	2	3	4	5	6
Actuator and switching elements			Emergency stop	Signal indicator FLEXLAB	Illuminated pushbutton FLEXLAB	Illuminated selector switch 1x90° V	Key lock switch 1x90° V	Blanking caps
A	RAFIX 22 FS+ IP65 Front ring silver metallic	Emergency stop position 1 RAFIX 22 FS+ Mushroom head red with white arrows reset by rotating						
			1.30.273.301/2200	1.74.508.921/2200	1.30.270.921/2200	1.30.272.202/2200	1.30.275.302/0000	5.05.800.067/0000
			rotation		momentary	latching	latching, 0	
B	RAFIX 30 FS+ IP65 Front ring precious metal	Collar round Bezel flat						
			1.30.273.301/2200	1.74.510.011/2X00	1.30.290.921/0000	1.30.292.202/2200	1.30.295.302/0000	5.05.200.028/0000
			rotation		momentary	latching	latching, 0	
C	RAFIX FS with light guide	Universal silver						
			1NC	1NO	1NO + 1NC	2NC	2NO	2NC Emergency stop
			1.20.126.201/9000	1.20.126.202/9000	1.20.126.203/9000	1.20.126.204/9000	1.20.126.205/9000	1.20.126.604/9000
D	MICON 5 Haptic element	SMT Standard momentary 5.5N tactile						
			1NO					
			1.14.002.111/0000					
E	FLEXLAB	Bezel colour transparent						
			5.49.263.062/1000	5.49.263.062/1300	5.49.263.062/1400	5.49.263.062/1500	5.49.263.062/1600	

Further positions and actuator variants are available in the CAI (Individual) series.



> **Individual placement**
Example CAS-C63-0020130



		position 1	position 2	position 3	position 4	position 5	position 6
A	actuator	B1	B2	B3	B3	B4	B5
B	switching element	C6	n/a	n/a	n/a	C2	C2
C	haptic	n/a	n/a	D1	D1	n/a	n/a
D	illumination	no	yes	yes	yes	yes	no
E	bezel colour	n/a	E4	E1	E1	n/a	n/a
F	labelling, symbol	n/a	n/a	n/a	n/a	n/a	n/a

Note certain combinations of actuators and switching elements require the use of a connector with more than 12-pole.

> **Accessories**

	Article numbers	Images
Labelling sheet DIN A4 blank sheets, incl. MS Word layout for 6x9 symbols	5.70.800.200/0000	
pre-printed sheets 10 miscellaneous symbols	on request	
Connection cable M12 PVC female straight - open 2m 4 pole 12 pole	SLO-KBL0-00350 SLO-KBL0-00351	

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