

# EBR-SW | Handle with microswitch

Technopolymer



## MATERIAL

Glass-fibre reinforced polyamide based (PA) technopolymer, grey-black colour, matte finish.



## MICROSWITCH WITH BUTTON

The device is made up of a normally open contact (NO) and a normally closed contact (NC). Switching takes place by pressing the button (monostable contact).



## LED

A red light and a green light indicate the microswitch status. Tension feed 24Vdc.



## SCREW-COVERS

Technopolymer, grey-black colour, matte finish. Supplied assembled, removable by a screwdriver.



## STANDARD EXECUTIONS

Pass-through holes for cylindrical-head screws with hexagon socket.

- **EBR-SW-B-C:** zinc-plated connector with 8 poles, back output.
- **EBR-SW-L-C:** zinc-plated steel connector with 8 poles, left side output.
- **EBR-SW-R-C:** zinc-plated connector with 8 poles, right side output.
- **EBR-SW-B-F2.5:** 8 pole cable, length 2.5 metres, back output.
- **EBR-SW-B-F5:** 8 pole cable, length 5 metres, back output.
- **EBR-SW-L-F2.5:** 8 pole cable, length 2.5 metres, left side output.
- **EBR-SW-L-F5:** 8 pole cable, length 5 metres, left side output.
- **EBR-SW-R-F2.5:** 8 pole cable, length 2.5 metres, right side output.
- **EBR-SW-R-F5:** 8 pole cable, length 5 metres, right side output.



## FEATURES AND APPLICATIONS

These handles are typically assembled on machine doors or protections. With the correct electrical connection and the machine working, the red light is turned on and the green light is off. By pressing the button, the operator, via external contact, requests access to the protected area: in this case the green light will turn on, while the red one will be off.

The EBR-SW handle is an ideal combination: ergonomic, functional and compact.

In case of use of an extension with angled connector, the direction of the cable output is shown in the Fig.1.

EBR-SW handle can be assembled with EBR neutral handle.



## TECHNICAL DATA

Tensile stress and impact strength: the values F1, F2, L1 and L2 indicated in the table were obtained during breaking tests carried out with the appropriate dynamometric equipment under the test conditions shown in the figure with ambient temperature.



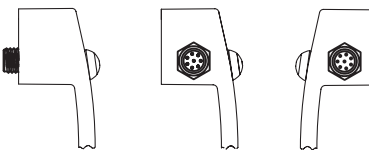
## ACCESSORIES ON REQUEST

FC-M12x1 (see page 976): extensions with 8 pole M12 female axial connector.



ERGOSTYLE® ELESA Original design

EBR-SW-B-C    EBR-SW-L-C    EBR-SW-R-C



EBR-SW-B-F    EBR-SW-L-F    EBR-SW-R-F

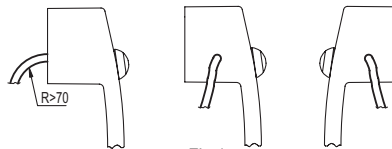
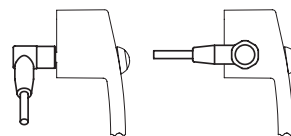
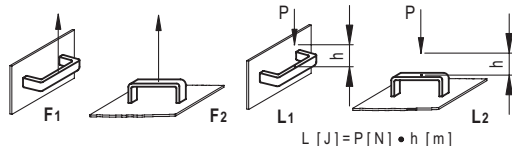
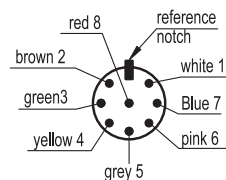


Fig.1

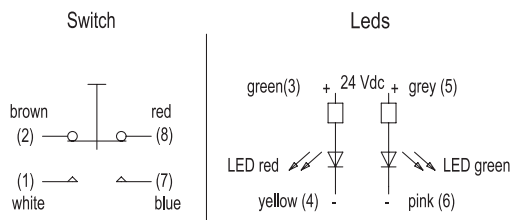


Contact wiring cable



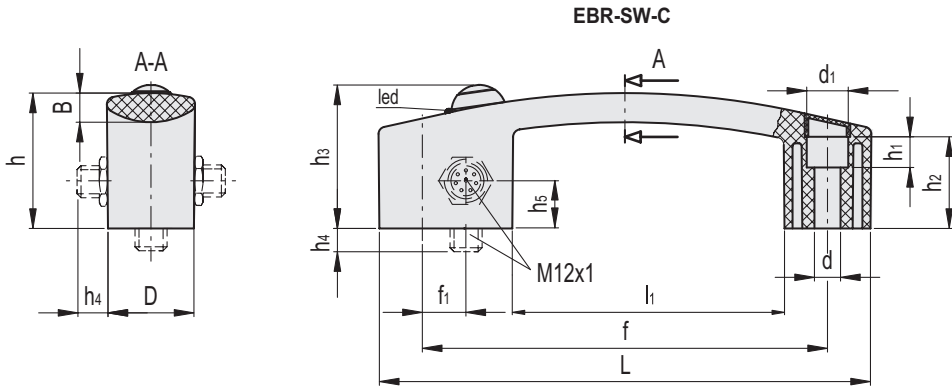
$$L [J] = P [N] \cdot h [m]$$

Technical features	
Protection class	IP65
Mechanical life-span	cycles 1 x 10 <sup>6</sup>
Led light voltage	24 Vdc ± 15%
Maximum commutable voltage	max 28 Vdc / 30 Vac / max 1 A



**Conversion Table 1 mm = 0.039 inch**

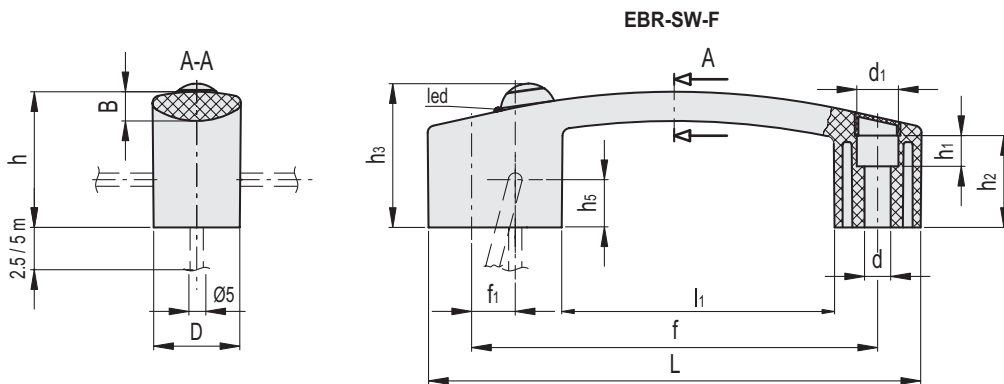
L		d		d1	
mm	inch	mm	inch	mm	inch
160	6.30	8.5	0.33	13.5	0.53



EBR-SW-C

METRIC

Code	Description	L	f	d	d1	f1	D	h	h1	h2	h3	h4	h5	B	l1	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
260541-C1	EBR.150-SW-B-C	160	132±0.5	8.5	13.5	16	28	44	10	30	47	11	-	8.5	89	2800	2900	35	8	96
260551-C1	EBR.150-SW-L-C	160	132±0.5	8.5	13.5	16	28	44	10	30	47	16	13	8.5	89	2800	2900	35	8	96
260561-C1	EBR.150-SW-R-C	160	132±0.5	8.5	13.5	16	28	44	10	30	47	16	13	8.5	89	2800	2900	35	8	96



EBR-SW-F

METRIC

Code	Description	L	f	d	d1	f1	D	h	h1	h2	h3	h5	B	l1	F1 [N]	F2 [N]	L1 [J]	L2 [J]	⚖
260546-C1	EBR.150-SW-B-F2.5	160	132±0.5	8.5	13.5	16	28	44	10	30	47	-	8.5	89	2800	2900	35	8	220
260542-C1	EBR.150-SW-B-F5	160	132±0.5	8.5	13.5	16	28	44	10	30	47	-	8.5	89	2800	2900	35	8	344
260556-C1	EBR.150-SW-L-F2.5	160	132±0.5	8.5	13.5	16	28	44	10	30	47	13	8.5	89	2800	2900	35	8	220
260552-C1	EBR.150-SW-L-F5	160	132±0.5	8.5	13.5	16	28	44	10	30	47	13	8.5	89	2800	2900	35	8	344
260566-C1	EBR.150-SW-R-F2.5	160	132±0.5	8.5	13.5	16	28	44	10	30	47	13	8.5	89	2800	2900	35	8	220
260562-C1	EBR.150-SW-R-F5	160	132±0.5	8.5	13.5	16	28	44	10	30	47	13	8.5	89	2800	2900	35	8	344

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- RH