
Description:

These are devices used in control and indication systems, command boards and panels in industrial automation systems. They are manufactured to commutate controlling circuits and to control the switching on or off executive mechanisms such as relays, contactors, etc. The signal lamps and indicators find broad application in all industrial fields. The devices endure short time current overload up to 10A, and normally they can commutate thermal current up to 6A in their contact system. The connection to the contact terminals is through screw terminals to which operational conductors with section up to 2.5mm² can be joined.

Technical data:

- Insulation voltage: 660V; 50/60Hz
- Impulse voltage wear resistance: 6000V;
- Rated current: 6A (230V AC); 0.3A (230V DC)
- Short circuit protection: safety device 10A gG outside in the circuit
- Mechanical wear resistance: 1x10⁶ commutation cycles
- Power of mechanical compression:
 - at closing: 20N
 - at opening: 8N
- Operating temperature: -20 - +65°C
- Humidity: 35 – 85%RH
- Tightening moment of the joining conductors: 0.15Nm
- Section of the conductor: 1x0.5; 1x0.75; 1x1; 1x1.5; 1x2.5mm²

Mounting:

- To a flat metal or plastic surface with thickness: max 4mm
- Opening with size: Ø 22.5mm

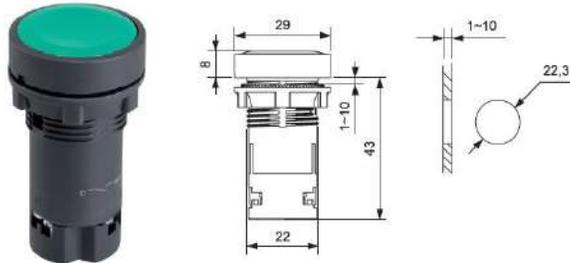
TECHNICAL SPECIFICATION

BUTTONS AND LED INDICATORS

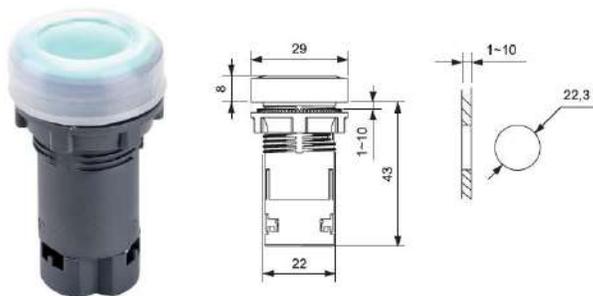
ELMARK[®]

The Brand of Electricity

Variants and dimensions:



Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)	Catalogue number
EL-EA25	Button round with spring reverse	NO+NC	6	black	10/500	401025
EL-EA31		NO	6	green	10/500	401030
EL-EA42		NC	6	red	10/500	401040



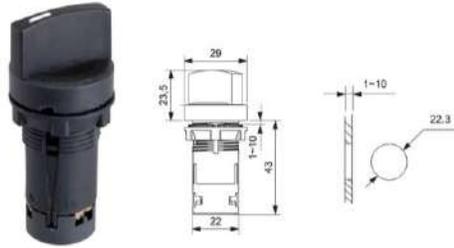
Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)	Catalogue number
EL-EA25	Button round with spring reverse and silicon lid- IP44	NO+NC	6	black	10/500	401026
EL-EA31		NO	6	green	10/500	401033
EL-EA42		NC	6	red	10/500	401041

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Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)	Catalogue number
EL-ED25	Switch with arrest	NO+NC	6	black	10/500	401425



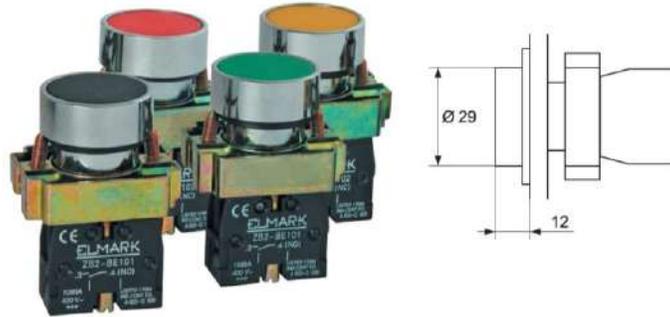
Type	Description	Voltage (V)	Colour	Packing / Box (pcs)	Catalogue number
AD56-22-W-230	LED indicators	230V AC	white	10 / 500	401123
AD56-22-W-110		110V AC	white	10 / 500	401111
AD56-22-W-24		24V AC/DC	white	10 / 500	401124
AD56-22-A-110		110V AC	amber	10 / 500	401211
AD56-22-A-24		24V AC/DC	amber	10 / 500	401224
AD56-22-A-230		230V AC	amber	10 / 500	401223
AD56-22-PG-230		230V AC	green	10 / 500	401323
AD56-22-PG-110		110V AC	green	10 / 500	401311
AD56-22-PG-24		24V AC/DC	green	10 / 500	401324
AD56-22-B-230		230V AC	blue	10 / 500	401523
AD56-22-B-110		110V AC	blue	10 / 500	401511
AD56-22-B-24		24V AC/DC	blue	10 / 500	401524
AD56-22-Y-230		230V AC	yellow	10 / 500	401723
AD56-22-Y-110		110V AC	yellow	10 / 500	401711
AD56-22-Y-24		24V AC/DC	yellow	10 / 500	401724
AD56-22-R-230		230V AC	red	10 / 500	401423
AD56-22-R-110		110V AC	red	10 / 500	401411
AD56-22-R-24		24V AC/DC	red	10 / 500	401424

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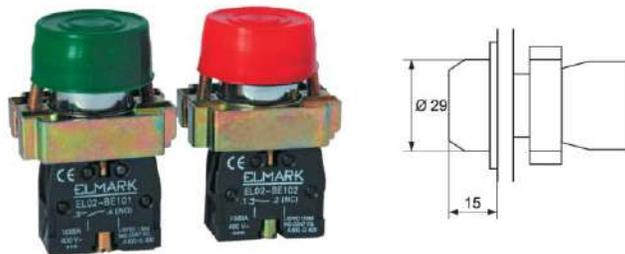
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Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Packing / Box (pcs)	Catalogue number
EL 2- BA 21	Button round with spring reverse	NO	6	black	20 / 300	401021
EL 2- BA 31		NO	6	green	20 / 300	401031
EL 2- BA 51		NO	6	yellow	20 / 300	401051
EL 2- BA 61		NO	6	blue	20 / 300	401061
EL 2- BA 42		NC	6	red	20 / 300	401042



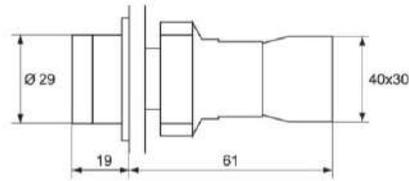
Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL 2- BP 31	Button round	NO	6	green	IP=65 Provided from silicon lid	20 / 300	401032
EL 2- BP 42	with spring reverse	NC	6	red	IP=65 Provided from silicon lid	20 / 300	401043

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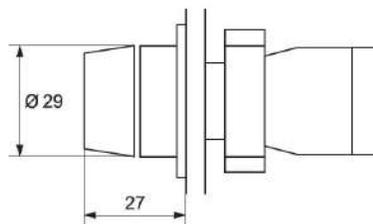
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Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Packing / Box (pcs)	Catalogue number
EL 2- BW3471	Button round with spring reverse and LED indicator	24V	6	red	20 / 200	401474
EL 2- BW3371		24V	6	green	20 / 200	401374
EL 2- BW3571		24V	6	yellow	20 / 200	401574
EL 2- BW3671		24V	6	blue	20 / 200	401674
EL 2- BW3471		110V	6	red	20 / 200	401473
EL 2- BW3371		110V	6	green	20 / 200	401373
EL 2- BW3571		110V	6	yellow	20 / 200	401573
EL 2- BW3671		110V	6	blue	20 / 200	401673
EL 2- BW3471		230V	6	red	20 / 200	401471
EL 2- BW3371		230V	6	green	20 / 200	401371
EL 2- BW3571		230V	6	yellow	20 / 200	401571
EL 2- BW3671		230V	6	blue	20 / 200	401671



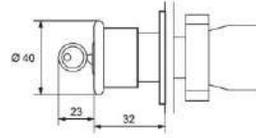
Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL 2- BD 21	Switch with arrest	1NO	6	black	two-position	20 / 200	401421
EL 2- BD 33		2NO	6	black	three-position	20 / 200	401433

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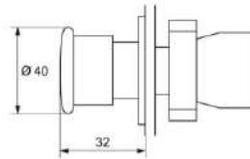
BUTTONS AND LED INDICATORS

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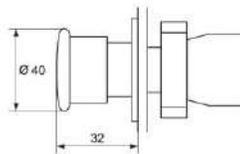
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Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL2-BS 142	Button with head "mushroom" type and with key	NC	6	red	release with spinning	15/150	401142



Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL 2- BC 42	Button with head "mushroom" type	1NC	6	red	spring reverse	15 / 150	401642



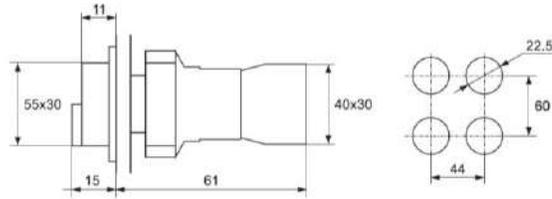
Type	Description	Type of contacts	Rated current (A) at 400V	Colour	Note	Packing / Box (pcs)	Catalogue number
EL 2- BS 545	Button with head "mushroom" type	1NC + 1NO	6	red	release with spinning	15 / 150	401545

TECHNICAL SPECIFICATION

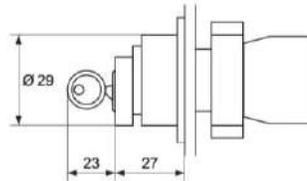
BUTTONS AND LED INDICATORS

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Type	Description	Type of contacts	Rated current (A) at 400V	Voltage (V)	Note	Packing / Box (pcs)	Catalogue number
EL 2-BW8475	Button double	1NO+1NC	6	24 AC	Green and red button + LED indicator	20 / 200	401844
EL 2-BW8475	Button double	1NO+1NC	6	230 AC	Green and red button + LED indicator	20 / 200	401845



Type	Description	Type of contacts	Rated current (A) at 400V	Note	Packing / Box (pcs)	Catalogue number
EL 2- BG 21	Change-over switch with switch	1NO	6	two-position with switch	20 / 200	401121



Type	Description	Type of contacts	Colour	Packing / Box (pcs)	Catalogue number
EL02 - BE101	1	1NO	green	100 / 1000	401001
EL02 - BE102	2	1NC	red	100 / 1000	401002

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Type	Description	Voltage (V)	Colour	Packing / Box (pcs)	Catalogue number
XB2-BV75	Signal lamp	230V AC	yellow	20 / 200	401975
XB2-BV76	Signal lamp	230V AC	blue	20 / 200	401976
XB2-BV77	Signal lamp	230V AC	colorless	20 / 200	401977



Type	Description	Voltage (V)	Colour	Packing / Box (pcs)	Catalogue number
XB7-EV45	Button	230V AC	yellow	20 / 200	401004



Type	Description	Voltage (V)	Colour	Packing / Box (pcs)	Catalogue number
XB - BW - 3561	Button + LED indicator	230V AC	yellow	20 / 200	401561

Standards:

- EN 60947-1
- EN 60947-5-1



www.elmarkholding.eu