

Command and alarm devices Buttons, switches, indicating lights

Light signaling indicators are intended for indicating the state of electric circuits. They are applied in electric panels, industrial equipment and power supply objects.

Control buttons and switches are designed for an operative management of contactors (automatic tripping contactors) and automatics relay within AC electric circuits of 50 Hz and voltage limited to 600 V or DC circuits limited to 400 V and other technological processes.

Various color variants provide for the most efficient arrangement of panels and boards. All devices consist of two units: removable head and contact module.

Black NO contact block (1NO) and brown NC unit (1NC).





Design Features



Removable head provides for fast changing of lamps and light filters.



Conductors are connected with screw clamps with disk spring washers ensuring stable fixation.



12, 24, 36 and 110 V indicators can be used in AC and DC circuits.



Using different color variants of dismountable light filters provides for more efficient panel and board assembly.



LED matrix employed in the indicators ensures more powerful light luminous flux as compared to a neon lamp and extended service life (6000 hours).



Removable neon lamp and LED matrix have different color arrangement. LED matrix is a universal solution for 12, 24, 36, 110 and 230 V both in AC and DC circuits. Neon lamp can be replaced with a LED matrix.



Convenient mounting of contact block that is connected to the button block at the expense of fixing by means of a plastic flag.



Supplementary making and breaking contacts allow expanding the capabilities of commutation processes.



Rubber O-rings ensure protection from foreign objects.



Simplified constructional solution provides for fast dismounting and installation of this device into a panel or board.



Design Features



Auxiliary contact block are installed using a special mounting screws ensuring the stability of connection.



Using LED matrices as light sources. It has extended operating life and brighter light emission.



Availability of interchangeable making (1m) and breaking (1b) auxiliary contacts.



Rubber O-rings ensure protection from foreign objects.



Option of fast light source changing at the expense of using LED matrices with VA9s base.



Metal base ensures longer service life.



Upgraded press element construction excludes its spontaneous falling-out.



Marking holders ensure identification.



Stable and convenient system of fixation the device onto a mounting panel.



Accessories for light signaling indicators, control buttons and switches	Name Color		Amount, pcs.		Product ID
			in package	in transp. box	
	Auxiliary contact for light signaling hardware 1NC	brown	4	2000	BDK10
	Auxiliary contact for light signaling hardware 1NO	black	4	2000	BDK20
	Contact block 1m for LAY5 series IEK Contact block 1b for LAY5 series IEK	green red	4	800 800	BDK21 BDK11
	Changeable lamp LED matrix/12 V AC/DC Changeable lamp LED matrix/12 V AC/DC	green	1	50 50	BMS10-012-K06 BMS10-012-K04
	Changeable lamp LED matrix/12 V AC/DC	yellow	1	50	BMS10-012-K05
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	Changeable lamp LED matrix/12 V AC/DC	blue	1	50	BMS10-012-K07
	Changeable lamp LED matrix/24 V AC/DC	green	1	50	BMS10-024-K06
	Changeable lamp LED matrix/24 V AC/DC	red	1	50	BMS10-024-K04
	Changeable lamp LED matrix/24 V AC/DC	yellow	1	50	BMS10-024-K05
	Changeable lamp LED matrix/24 V AC/DC	blue	1	50	BMS10-024-K07
	Changeable lamp LED matrix/36 V AC/DC	green	1	50	BMS10-036-K06
	Changeable lamp LED matrix/36 V AC/DC	red	1	50	BMS10-036-K04
	Changeable lamp LED matrix/36 V AC/DC	yellow	1	50	BMS10-036-K05
	Changeable lamp LED matrix/36 V AC/DC	blue	1	50	BMS10-036-K07
	Changeable lamp LED matrix/48 V AC/DC	green	1	50	BMS10-048-K06
	Changeable lamp LED matrix/48 V AC/DC	red	1	50	BMS10-048-K04
	Changeable lamp LED matrix/230 V AC/DC	green	1	50	BMS10-220-K06
	Changeable lamp LED matrix/230 V AC/DC	red	1	50	BMS10-220-K04
	Changeable lamp LED matrix/230 V AC/DC	yellow	1	50	BMS10-220-K05
	Changeable lamp LED matrix/230 V AC/DC	blue	1	50	BMS10-220-K07
	Changeable lamp neon/230 V Changeable lamp neon/230 V	green red	100 100	1000 1000	BMS20-240-K06 BMS20-240-K04
	Changeable cap for AL-22	green	10	4000	BLS20D-KS-AL-K06
	Changeable cap for AL-22	red	10	4000	BLS20D-KS-AL-K04
	Changeable cap for AL-22TE	green	10	4000	BLS30D-KS-ALTE-K06
	Changeable cap for AL-22TE	red	10	4000	BLS30D-KS-ALTE-K04
	Marking holder DM 11×25	black	100	2500	DM11x25
	Marking holder DM 18×25	black	100	2500	DM18x25