

Cam switches - Standard solutions

Standard solutions

In addition to solutions made to customer specifications, Bremas offers a complete range of standard products.

Standard products are designed and developed in line with the most common requirements from the market.



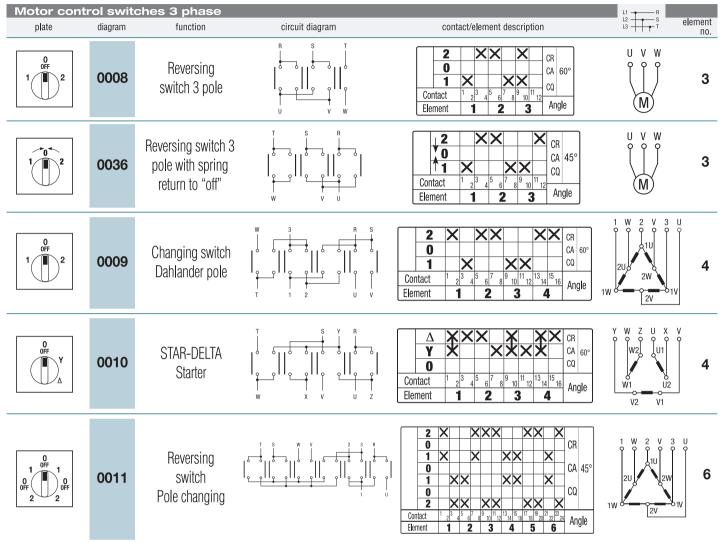
Circuit diagrams

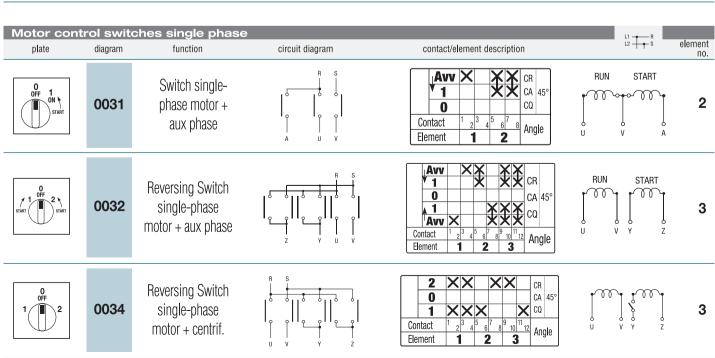
Switches	diagram	function	airauit diagram	contact/alement descript:	alament no
plate O OFF ON ON	diagram 0001	ON-OFF switch 1 pole	circuit diagram	Contact/element description O CR CA CO	element no.
O OFF 1 ON	0002	ON-OFF switch 2 pole		O	1
O OFF 1 ON	0003	ON-OFF switch 3 pole	3 5 6	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2
O OFF 1 ON	0004	ON-OFF switch 4 pole	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2
O OFF 1 1 ON	0035	ON-OFF switch 3 pole with spring return to "OFF"	1 3 5 0 0 0 0 0 0 2 4 6	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2
OFF 1 ON	00G3	ON-OFF switch 3 pole with padlockable handle	1 3 5	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2
0 0FF 0FF 1 0N	00G4	ON-OFF switch 4 pole with padlockable handle	1 3 5 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2



Cam Switches - Standard solutions Circuit diagrams

Switches	dia susse	for a king	-1	and the later of the second state of	alamant na
plate O OFF 1 2	diagram 0005	Change-over switch 1 pole	circuit diagram U U1 U RNL1	contact/element description 2	element no.
0 0 0 1 1	0006	Change-over switch 2 pole	U U1 V V1	2 X X CR CA 60°	2
0 0 0 1 1	0007	Change-over switch 3 pole	U U1 V V1 W W1	2 X X CR CA GO°	3
0 0 0 1 1	0039	Change-over switch 4 pole	U U1 V V1 W W1 N N1	2 X X X CR CA CA CA CA CA CA CA	4







Cam Switches - Standard solutions Circuit diagrams

Voltmeter a	& Amme	ter switches			
plate	diagram	function	circuit diagram	contact/element description	element no.
L1-L2 L2-L3 L3-L1 OFF	0016	Voltmeter switch 3 concatenated voltages		L3-L1	L1 R S S L3 T T T T S 2 C C V 0 4
0 0FF L1-L2 L2-L3 L3-L1 L3-N	0018	Voltmeter switch 3 concatenated voltages and 3 phase voltages		L3-N X X CR CR CA 45° CO CO CO CO Co Co Co Co	L1 R S T T T T T T T T T T T T T T T T T T
3 0 1 2	0022	Ammeter switch 1 pole 3 current transformers	9 11 2 6 10	3 XXXX CR CR CA 90° CQ	R S S T T T T T T T T T T T T T T T T T

Multi-step change-over switches					
plate	diagram	function	circuit diagram	contact/element description	element no.
0 0FF 1 2 3	MZ13	Multi step switch with OFF 1 pole 3 steps	1 2 3	3	2
0 0F 1 2 4	MZ14	Multi step switch with OFF 1 pole 4 steps	1 2 3 4	4	2
0 0FF 1 2 3	MZ23	Multi step switch with OFF 2 pole 3 steps	1 2 3 1 2 3	3 X X CR CR CA 45° CO	3
0 0FF 1 2 4	MZ24	Multi step switch with OFF 2 pole 4 steps	1 2 3 4 1 2 3 4 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4	4
0 0 0 0 1 1 2 3	MZ33	Multi step switch with OFF 3 pole 3 steps	1 2 3 1 2 3 1 2 3 1 L1/R L1/S L3/T	3 X X X X CR CQ	5



Cam Switches - Standard solutions Circuit diagrams

Multi-step change-over switches					
plate	diagram	function	circuit diagram	contact/element description	element no.
1 2 3	M013	Multi step switch without OFF 1 pole 3 steps	1 2 3	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	2
1 2 3	M014	Multi step switch without OFF 1 pole 4 steps	1 2 3 4	4 X CR CA 45°	2
1 2 3 5 4	M015	Multi step switch without OFF 1 pole 5 steps	1 2 3 4 5	5	3