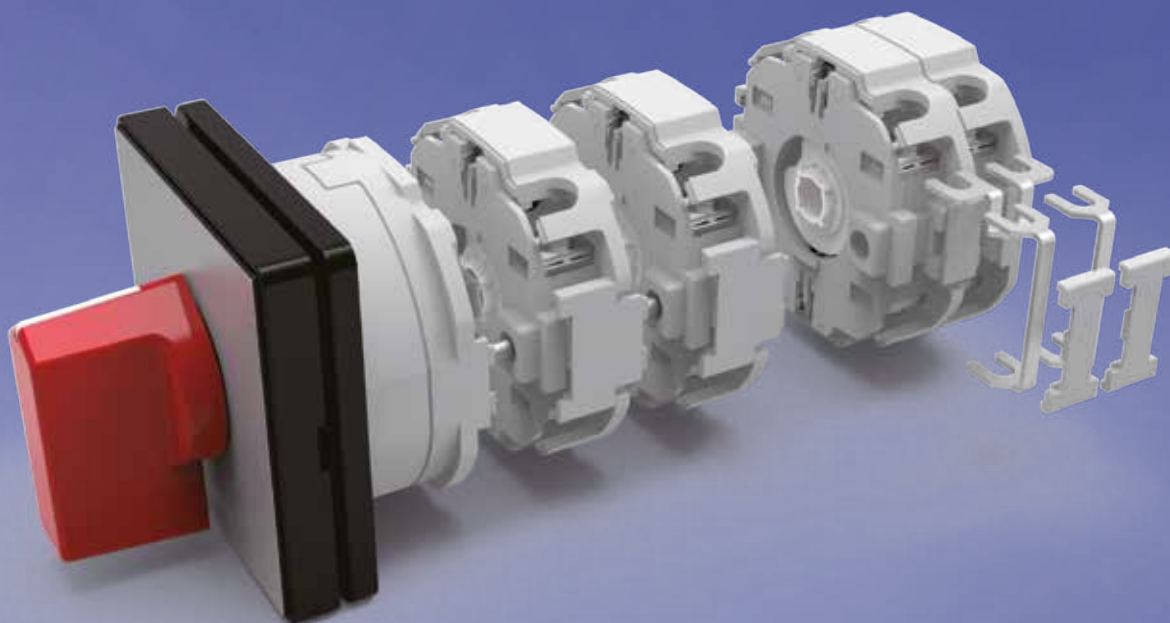




> CAM SWITCH V1K

Technical information



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CAM SWITCH V1K

The innovation of the new V1K switch is the modular design structure. Each contact-chamber is an independent module which allows a comfortable assembly and a compact structure. The captive connection screws are accessible from above and below. The cross connections between the terminals are captive and covered.

Further designs and functions are also available on request

Switches with angled connection terminals for rear access of the connecting screws are also available on request

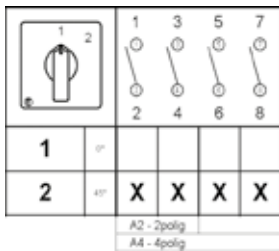
Technical data

as per IEC/EN 60947-1; 60947-3; 60947-5-1



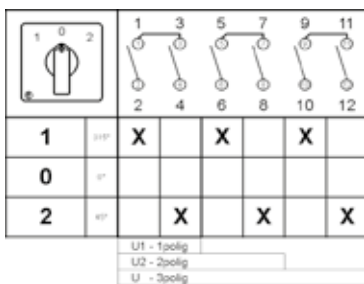
AC-21 A/B – Load break switches		
• Rated operating current	I_e	20A
• Rated operating voltage	U_e	690V~
AC-23 A/B – Motor switches (Main switches)		
	220...240V, 3~	4kW
	380...440V, 3~	7,5kW
	600...690V, 3~	7,5kW
AC-3 A/B – Motor switches, for operational switching		
	220...240V, 3~	2,2kW
	380...440V, 3~	5kW
	600...690V, 3~	5kW
AC-15 – Control switches 		
	220...240V~	8A
	380...440V~	5A
Conventional thermal current	I_{th}	25A
Rated insulation voltage	U_i	690V~
Rated impuls withstand voltage	U_{imp}	6kV
CSA of single or multicore cable	mm ²	0,75- 4
Connecting screw		M3
Terminal screw torque	Nm	Max. 1,2
Rated conditional short circuit current		8000A
Kind of short circuit protective device	Fuse gG 32A	
Mechanical endurance	100.000 cycles	
Electrical endurance (AC-3; 440V; 16A)	50.000 cycles	
Degree of pollution	3	
Ambient temperature	-5°C ... +40°C	

ON/OFF Switches



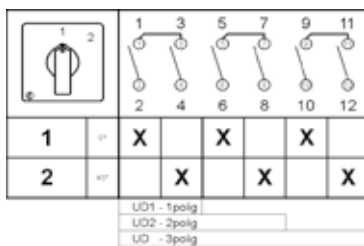
Ref.-No.	Type	Stages	PU	*
314087	V1K A2-F1-B-SI	1	10	●
314088	V1K A4-F1-B-SI	2	10	●

Double-Throw switches with center OFF



Ref.-No.	Type	Stages	PU	*
314089	V1K U1-F1-B-SI	1	10	●
314090	V1K U2-F1-B-SI	2	10	●
314091	V1K U-F1-B-SI	3	10	●

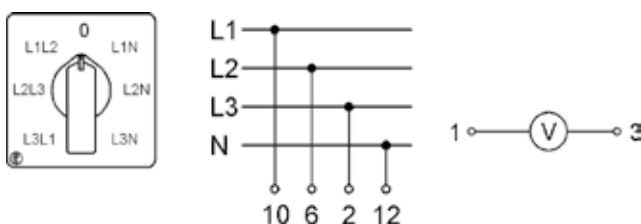
Double-Throw switches without OFF



Ref.-No.	Type	Stages	PU	*
314092	V1K UD1-F1-B-SI	1	10	●
314093	V1K UD2-F1-B-SI	2	10	●

Voltmeter switches with OFF

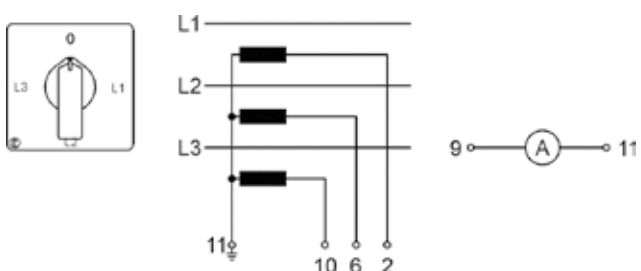
3 phase to phase and 3 phase to neutral



Ref.-No.	Type	Stages	PU	*
316846	V1K V3-F1-B-SI	3	10	●

Ammeter switches with OFF

single pole with 3 current transformers



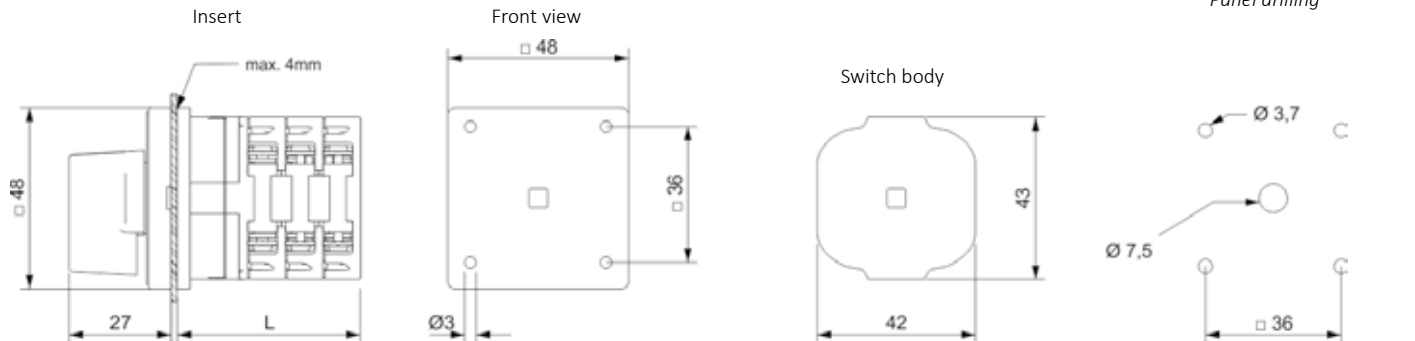
Ref.-No.	Type	Stages	PU	*
316847	V1K MA-F1-B-SI	3	10	●

MOUNTING TYPES

Front fixing

four hole mounting 36 x 36mm

Contact chambers	1	2	3	4	5	6	7	8
Dim. L	29	39	49	59	69	79	89	99

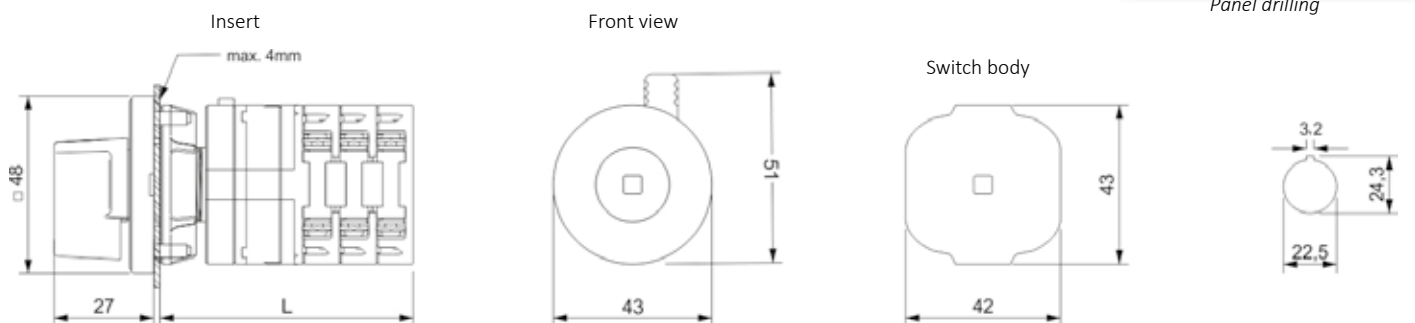


Panel drilling

Single hole mounting

Ø 22,5 mm

Contact chambers	1	2	3	4	5	6	7	8
Dim. L	47	57	67	77	87	97	107	117

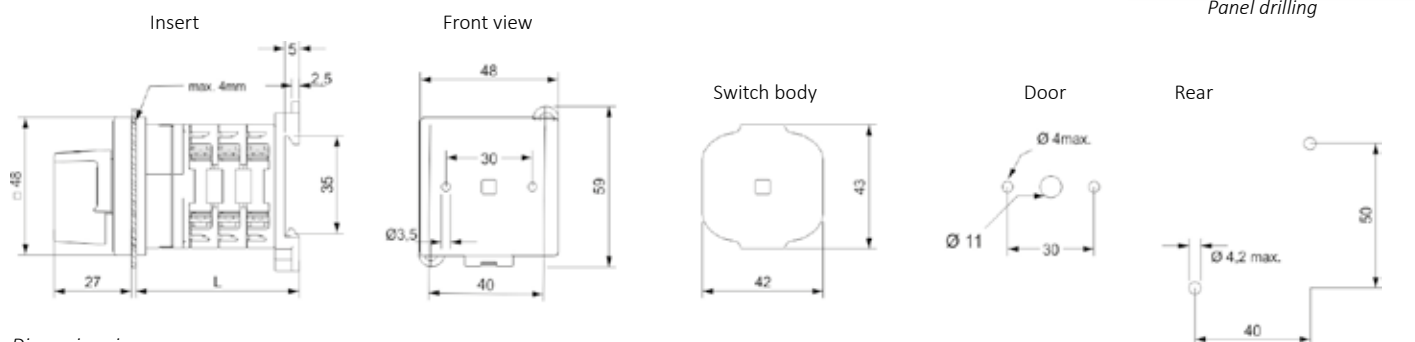


Panel drilling

Base mounting

Screw- & DIN-Rail mounting

Contact chambers	1	2	3	4	5	6	7	8
Dim. L	35	45	55	65	75	85	95	105



Panel drilling

Dimensions in mm

