



## Auxiliary universal contact KDU60 RN60 low-voltage release

The KDU60 serves for obtaining information on status of VA47-60 circuit breakers in process automation systems or protection of individual facilities. The KDU60 has functions of auxiliary contact and position indication for the circuit breaker or RCCB resetting mechanism.

The device comprise two switchover contacts: status contact (SC) and status alarm contact (SC|AC). The contact SC|AC works depending on position of function selector: either as status contact or as alarm contact.

The RN60 shunt release is designed for remote tripping function of VA47-60 series 1-, 2-, 3- and 4-pole circuit breakers. If KDU60 and RN60 shall be used simultaneously, the devices are attached to left-hand side.

### Range


	Name	Module width, mm	Rated operating voltage, V		Cables max. size, mm <sup>2</sup>	Package amount, pcs		Product ID
			DC	AC		multiple	transport	
	KDU60	9	110	250	2,5	11	165	MVA30D-AKS
	RN60	18	110...220	110...415	25	7	105	MVA30D-RN

## Leads lockout device

The BVM leads mechanical lockout device is designed to avoid not authorized connection or disconnection of modular devices to/from electric circuits and also to protect personnel against contact with live parts.

The device is used for sealing of VA47-29 circuit breakers having up to 3 poles inclusive and VA47-100 circuit breakers having 2 poles.

### Products' range

	Description	Package qty., pcs		Item No.
		multiple	transport	
	BVM leads mechanical lockout device	36	180	MVA20D-BVM



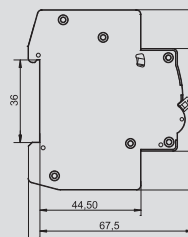
## Technical Features

Feature		KS47	KSV47	RMM47	RN47
Meet standards		EN 60898-1, EN 60947-5-1	EN 60898-1, EN 60947-5-1	IEC 60898-1	IEC 60898-1
Rated voltage, V <sub>≈</sub>		230	230	230	230
Tripping voltage	min	—	—	165±10	—
	max	—	—	265±10	—
Rated current, A		4	4	—	—
Rated operating current depending on the application category, A	AC-13	3	3	—	—
	DC-12	1	1	—	—
Max. power consumption, VA		—	—	3	3
Status indicator, on/off		n/a	white/red	—	—
Wear resistance, min. power cycles		10 000	10 000	10 000	10 000
Cables size, mm <sup>2</sup>		0,5÷2,5	0,5÷2,5	1÷25	1÷25
Compatible MCBs		VA47-29, VA47-100	VA47-29, VA47-100	VA47-29, VA47-100	VA47-29, VA47-100
Connection to MCB		left	left	right	right
Module width, mm		9	9	18	18

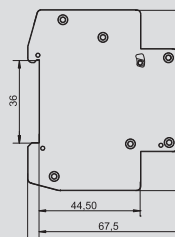
Feature		KDU60	RN60
Rated operating voltage, V	AC	250	110...415
	DC	110	110...220
AC frequency, Hz		50	50
Rated insulation voltage U <sub>i</sub> , min. V		415	415
Pulse power consumption, max. W		—	3
Rated thermal current I <sub>th</sub> , A		4	—
Rated operating current depending on the application category, A	AC-13	3	—
	AC-15	2	—
	DC-12	0,5	—
Electrical wear resistance, min. power cycles		6000	6000
Cables size, mm <sup>2</sup>		from 0,5 to 2,5	from 1 to 25
Operating temperature range, °C		-40 ÷ +45	-40 ÷ +50
Protection degree		IP20	IP20
Weight, max. kg		0,04	0,1
Connection to MCB		left	left

## Overall Dimensions

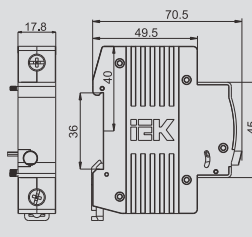
KS47



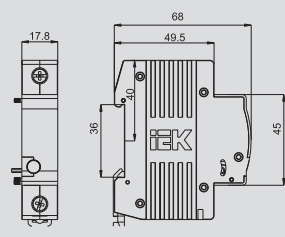
KSV47



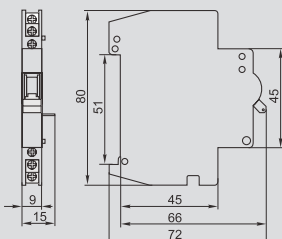
RMM47



RN47



KDU60



RN60

