

IK INSTALLATION CONTACTORS

IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63



- Installation contactors are built in consumer units in dwellings, business premises, hotels, hospitals, shopping centres, sport centres, production halls, warehouses and public places
- They are used for remote switching and automatic control of electric devices and equipment, such as:
 - single-phase and three-phase motors
 - different pumps
 - air-conditioning
 - electric heating
 - lightning

- Basic contactor types are: IKA20-xx, IKD20-xx, IK21-xx, IKA25-xx, IKD25-xx, IK40-xx, IK63-xx
- IKD20, IKD25, IK40 and IK63 with a varistor for overvoltage protection and a rectifier enable dc and ac voltage control
- They excel in silent operation
- IKA20, IK21 and IKA25 are ac driven contactors only
- Contacts can be used as main or auxiliary
- Contactors are designed for assembling to 35 mm mounting rail in accordance with the EN 60715 standard
- Sealing terminal covers enable direct protection against contact with live parts
- IKV ventilation module is available for preventing exceeded heating when contactors are used side-by-side
- All contactors have degree of protection IP20

TECHNICAL DATA

GENERAL	Type				IKA20	IKD20	IKA25	IKD25	
	Standards				IEC/EN 61095 , IEC/EN 60947-4-1, IEC/EN 60947-5-1				
	Approvals				SEMKO, NF, GOST				
	Module width				1		2		
	Mechanical endurance			op. c.	3 x 10 ⁶				
	Ambient temperature			°C	-5 ... +55				
	Storage temperature			°C	-30 ... +80				
	No. of contactors (side-by-side)		≤ 40 °C		max. 3	max. 3	no limitation	max. 3	
					40 - 55 °C	max. 2		max. 2	max. 2
	Contact reliability				17 V; ≥ 50 mA				
	Min. distance of open contacts			mm	3.6				
	Power dissipation per pole			W	1.7	1.7	2.2	2.2	
	Overload current withstand capability			A	72	72	68	68	
	Max. back-up fuse for short-circuit protection gL Coordination type 2			<i>I_v</i>	A	20	20	25	25
	Max. operating frequency		DC-1		op. c./h	300			
AC-1/AC-3/AC-5b/AC-6b			600						
AC-15			1200						
no load			3000						
Weight			kg	0.13	0.13	0.24	0.24		
MAIN CIRCUIT	Rated insulation voltage		<i>U_i</i>	V	230	230	440	440	
	Rated impulse withstand voltage		<i>U_{imp}</i>	kV	4				
	Thermal current		<i>I_{th}</i>	A	20	20	25	25	
	Rated operational voltage		<i>U_e</i>	V	230	230	400	400	
	Rated frequency		<i>f</i>	Hz	50/60				
	Rated operational current	AC-1/AC-7a	<i>I_e</i>	A	20	20	25	25	
	Operational power	single-phase	230 V	<i>P_e</i>	kW	4	4	5.4	5.4
		three-phase	230 V			-	-	9	9
		three-phase	400 V			-	-	16	16
	Electrical endurance		AC-1/AC-7a		op. c.	200.000			



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TECHNICAL DATA

MAIN CIRCUIT	Type					IKA20	IKD20	IKA25	IKD25
	Rated operational current AC-3/AC-7b			I_e	A	9	9	8.5	8.5
	Operational power	single-phase motor	230 V	P_e	kW	1.3 only for NO 1)	1.3 only for NO 1)	1.3 2)	1.3 2)
	AC-3/AC-7b	three-phase motor	230 V			-	-	2,2	2,2
		three-phase motor	400 V			-	-	4	4
	Electrical endurance	AC-3/AC-7b			op. c.	300,000	300,000	500,000	500,000
	Switching of capacitors	AC-6b	230 V	C	μF	30	30	36	36
	Electrical endurance	AC-6b			op. c.	100.000			
	Rated operational current	DC-1		I_e	A				
	1 pole		U_e = 24 V DC			20	20	25	25
			U_e = 110 V DC			6	6	6	6
			U_e = 220 V DC			0.6	0.6	0.6	0.6
	2 poles connected in series		U_e = 24 V DC	I_e	A	20	20	25	25
			U_e = 110 V DC			10	10	10	10
			U_e = 220 V DC			6	6	6	6
	3 poles connected in series		U_e = 24 V DC	I_e	A	-	-	25	25
			U_e = 110 V DC			-	-	20	20
			U_e = 220 V DC			-	-	15	15
	4 poles connected in series		U_e = 24 V DC	I_e	A	-	-	25	25
			U_e = 110 V DC			-	-	20	20
			U_e = 220 V DC			-	-	15	15
Electrical endurance	DC-1			op. c.	100,000				
Terminal capacity		rigid	S	mm ²	1 ... 10				
		flexible			1 ... 6				
Screw					M3.5				
Screw Head					PZ1				
Tightening torque				Nm	1.2				
AUXILIARY CIRCUIT	Rated operational voltage		U_e	V	230	230	400	400	
	Rated insulation voltage		U_i	V	230	230	440	440	
	Rated impulse withstand voltage		U_{imp}	kV	4				
	Thermal current		I_{th}	A	20	20	25	25	
	AC-15		I_e	A	6	6	6	6	
	Rated operational current	single-phase			230 V	-	-	4	4
		single-phase			400 V				
Electrical endurance	AC-15			op. c.	300,000	300,000	500,000	500,000	
CONTROL CIRCUIT	Range of control voltage		U_c	%	85 ... 110				
	Control voltages		U_c	V	12 ... 230				
	Surge immunity test (1.2/50 μs), acc. to IEC/EN 61000-4-5			kV	2				
	Coil consumption	switch-on operation		VA/W	12/10 2.8/1.2	2.1/2.1 2.1/2.1	33/25 5.5/1.6	2.6/2.6 3) 2.6/2.6 3)	
	Make/break delays	make break		ms	15 – 25 10 – 30	15 – 45 20 – 50	10 – 30 10 – 30	15 – 45 20 – 70	
	Terminal capacity	rigid flexible	S	mm ²	1 ... 2.5 1 ... 2.5				
	Screw				M 3.5				
	Screw head				PZ1				
	Tightening torque				Nm	0.6			

1) Make contacts are marked NO 2) Data for single-phase power are valid for versions -22, -20 and -02 - 3) Coil consumption for version -04 is 3.8 VA/3.8 W

IK INSTALLATION CONTACTORS

IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63



SWITCHING OF LAMPS

Type	Power (W)	Current (A)	C (μF)	Max. number of lamps per pole at 230 V 50 Hz			
				IKA20	IKD20	IKA25	IKD25
Incandescent lamps (tungsten filament)	60	0.26	–	33	33	33	33
	100	0.44	–	20	20	20	20
	200	0.87	–	10	10	10	10
	500	2.17	–	3	3	3	3
	1000	4.35	–	1	1	1	1
Fluorescent lamps. uncorrected or series correction	18	0.37	2.7	22	22	24	24
	24	0.35	2.5	22	22	24	24
	36	0.43	3.4	17	17	20	20
	58	0.67	5.3	14	14	17	17
Fluorescent lamps. lead-lag circuit	2 x 18	0.11	–	2 x 30	2 x 30	2 x 40	2 x 40
	2 x 24	0.14	–	2 x 24	2 x 24	2 x 31	2 x 31
	2 x 36	0.22	–	2 x 17	2 x 17	2 x 24	2 x 24
	2 x 58	0.35	–	2 x 10	2 x 10	2 x 14	2 x 14
Fluorescent lamps. parallel correction	18	0.12	4.5	7	7	8	8
	24	0.15	4.5	7	7	8	8
	36	0.20	4.5	7	7	8	8
	58	0.32	7	4	4	5	5
Fluorescent lamps with electronic ballast units (EVG)	18	0.09	–	25	25	35	35
	36	0.16	–	15	15	20	20
	58	0.25	–	14	14	19	19
	2 x 18	0.17	–	2 x 12	2 x 12	2 x 17	2 x 17
	2 x 36	0.32	–	2 x 7	2 x 7	2 x 10	2 x 10
	2 x 58	0.49	–	2 x 7	2 x 7	2 x 9	2 x 9
High-pressure mercury-vapour lamps. uncorrected	50	0.61	–	14	14	18	18
	80	0.80	–	10	10	13	13
	125	1.15	–	7	7	9	9
	250	2.15	–	4	4	5	5
	400	3.25	–	2	2	3	3
	700	5.40	–	1	1	2	2
	1000	7.50	–	1	1	1	1
High-pressure mercury- vapour lamps. parallel correction	50	0.28	7	4	4	5	5
	80	0.41	8	4	4	5	5
	125	0.65	10	3	3	4	4
	250	1.22	18	1	1	2	2
	400	1.95	25	1	1	1	1
	700	3.45	45	–	–	–	–
	1000	4.80	60	–	–	–	–
Halogen metal-vapour lamps. uncorrected	35	0.53	–	18	18	22	22
	70	1.00	–	10	10	12	12
	150	1.80	–	5	5	7	7
	250	3.00	–	3	3	4	4
	400	3.50	–	3	3	3	3
	1000	9.50	–	1	1	1	1
	2000	16.5	–	–	–	–	–



IK INSTALLATION CONTACTORS

IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63

SWITCHING OF LAMPS

Type	Power (W)	Current (A)	C (μF)	Max. number of lamps per pole at 230 V 50 Hz			
				IKA20	IKD20	IKA25	IKD25
Halogen metal-vapour lamps, parallel correction	35	0.25	6	5	5	6	6
	70	0.45	12	2	2	3	3
	150	0.75	20	1	1	1	1
	250	1.50	33	–	–	1	1
	400	2.50	35	–	–	1	1
	1000	5.80	95	–	–	–	–
	2000	11.50	148	–	–	–	–
Halogen metal-vapour lamps with electronic ballast unit PCI 50-125 x I_n lamp for 0.6 ms	20	0.10	integrated	9	9	9	9
	35	0.20	integrated	6	6	6	6
	70	0.36	integrated	5	5	5	5
	150	0.70	integrated	4	4	4	4
Transformers for halogen metal-vapour lamps	20	–	–	40	40	52	52
	50	–	–	20	20	24	24
	75	–	–	13	13	16	16
	100	–	–	10	10	12	12
	150	–	–	7	7	9	9
	200	–	–	5	5	6	6
	300	–	–	3	3	4	4
High-pressure sodium-vapour lamps. uncorrected	150	1.80	–	5	5	6	6
	250	3.00	–	3	3	4	4
	400	4.70	–	2	2	2	2
	1000	10.3	–	–	–	1	1
High-pressure sodium-vapour lamps. parallel correction	150	0.83	20	1	1	1	1
	250	1.50	33	–	–	1	1
	400	2.40	48	–	–	–	–
	1000	6.30	106	–	–	–	–
Halogen metal-vapour lamps with electronic ballast unit PCI 50-125 x I_n lamp for 0.6 ms	20	0.10	integrated	9	9	9	9
	35	0.20	integrated	6	6	6	6
	70	0.36	integrated	5	5	5	5
	150	0.70	integrated	4	4	4	4
Low-pressure sodium-vapour lamps. uncorrected	18	0.35	–	22	22	27	27
	35	1.50	–	7	7	9	9
	55	1.50	–	7	7	9	9
	90	2.40	–	4	4	5	5
	135	3.50	–	3	3	4	4
	180	3.30	–	3	3	4	4
Low-pressure sodium-vapour lamps. parallel correction	18	0.35	5	6	6	7	7
	35	0.31	20	1	1	1	1
	55	0.42	20	1	1	1	1
	90	0.63	26	1	1	1	1
	135	0.94	45	–	–	–	–
	180	1.16	40	–	–	–	–

IK INSTALLATION CONTACTORS

IK A20, IK D20, IK 21, IK A25, IK D25, IK 40, IK 63



SWITCHING OF LAMPS

Type	Power (W)	Current (A)	Lumilux T5	Max. number of lamps per pole at 230 V 50 Hz			
				IK A20	IK D20	IK A25	IK D25
Fluorescent lamps LUMILUX T5 with electronic ballast unit (EVG)	22	0,11	FC	22	22	30	30
	40	0,21		12	12	15	15
	55	0,28		8	8	12	12
	14	0,08	HE	30	30	40	40
	21	0,11		22	22	30	30
	28	0,14		18	18	22	22
	35	0,18		14	14	18	18
	24	0,12	HO	20	20	26	26
	39	0,20		12	12	16	16
	49	0,24		10	10	14	14
	54	0,27		9	9	13	13
	80	0,39		6	6	8	8
	2 x 22	0,23	2 x FC	2 x 11	2 x 11	2 x 15	2 x 15
	2 x 40	0,42		2 x 6	2 x 6	2 x 7	2 x 7
	2 x 55	0,55		2 x 4	2 x 4	2 x 6	2 x 6
	2 x 14	0,15	2 x HE	2 x 15	2 x 15	2 x 20	2 x 20
	2 x 21	0,22		2 x 11	2 x 11	2 x 15	2 x 15
	2 x 28	0,28		2 x 9	2 x 9	2 x 11	2 x 11
	2 x 35	0,36		2 x 7	2 x 7	2 x 9	2 x 9
	2 x 24	0,24	2 x HO	2 x 10	2 x 10	2 x 13	2 x 13
	2 x 39	0,39		2 x 6	2 x 6	2 x 8	2 x 8
	2 x 49	0,48		2 x 5	2 x 5	2 x 7	2 x 7
	2 x 54	0,54		2 x 4	2 x 4	2 x 6	2 x 6
	2 x 80	0,74		2 x 3	2 x 3	2 x 4	2 x 4



IK INSTALLATION CONTACTORS

IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63

TECHNICAL DATA

GENERAL	Type					IK21	IK40	IK63
	Standards					IEC/EN 61095, IEC/EN 60947-4-1, IEC 60947-5-1		
	Approvals					GOST	SEMKO, NF, GOST	
	Module width					2	3	
	Mechanical endurance				op. c.	3 x 10 ⁶		
	Ambient temperature				°C	-5 ... +55		
	Storage temperature				°C	-30 ... +80		
	No. of contactors (side-by-side)		≤ 40 °C			no limitation	max. 3	max. 3
			40 - 55 °C				max. 2	max. 2
	Contact reliability					17 V; ≥50 mA		
	Min. distance of open contacts				mm	3.6		
	Power dissipation per pole				W	2	4	8
	Overload current withstand capability				A	40	176	240
	Max. back-up fuse for short-circuit protection gL Coordination type 2			<i>I_v</i>	A	20	63	80
	Max. operating frequency		DC-1		op. c./h	300		
			AC-1/AC-3/AC-5b/AC-6b			600		
			AC-15			1200		
			no load			3000		
	Weight				kg	0.17	0.42	0.42
MAIN CIRCUIT	Rated insulation voltage			<i>U_i</i>	V	415	440	440
	Rated impulse withstand voltage			<i>U_{imp}</i>	kV	4		
	Thermal current			<i>I_{th}</i>	A	20	40	63
	Rated operational voltage			<i>U_e</i>	V	400		
	Rated frequency			<i>f</i>	Hz	50/60		
	Rated operational current		AC-1/AC-7a	<i>I_e</i>	A	20	40	63
	Operational power		single-phase 230 V			4	8.7	13.3
	AC-1/AC-7a		three-phase 230 V	<i>P_e</i>	kW	7.5	16	24
			three-phase 400 V					
	Electrical endurance		AC-1/AC-7a		op. c.	200,000	100,000	100,000
	Rated operational current		AC-3/AC-7b	<i>I_e</i>	A	5	22	30
	Operational power		1.phase 230 V			0.37 ²⁾	3.7 ²⁾	5 ²⁾
	AC-3/AC-7b		3.phase 230 V	<i>P_e</i>	kW	1.1	5.5	8.5
			3.phase 400 V					
	Electrical endurance		AC-3/AC-7b		op. c.	300,000	150,000	150,000
	Switching of capacitors		AC-6b 230 V	<i>C</i>	μF	36	220	330
Electrical endurance		AC-6b		op. c.	100,000			

1) Data for single-phase power are valid for versions -22, -20 and -02

IK INSTALLATION CONTACTORS

IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63



TECHNICAL DATA

MAIN CIRCUIT	Type				IK21	IK40	IK63	
	Rated operational current		DC-1					
	1 pole		$U_e = 24 \text{ V DC}$	I_e	A	20	40	63
			$U_e = 110 \text{ V DC}$			2	4	4
			$U_e = 220 \text{ V DC}$			0.5	1.2	1.2
	2 poles connected in series		$U_e = 24 \text{ V DC}$	I_e	A	20	40	63
			$U_e = 110 \text{ V DC}$			4	10	10
			$U_e = 220 \text{ V DC}$			1.5	8	8
	3 poles connected in series		$U_e = 24 \text{ V DC}$	I_e	A	20	40	63
			$U_e = 110 \text{ V DC}$			6	30	35
			$U_e = 220 \text{ V DC}$			2.5	20	30
	4 poles connected in series		$U_e = 24 \text{ V DC}$	I_e	A	20	40	63
			$U_e = 110 \text{ V DC}$			6	40	63
			$U_e = 220 \text{ V DC}$			3.5	40	63
Electrical endurance		DC-1		op. c.	100,000			
Terminal capacity		rigid	S	mm ²	1 ... 2.5	1.5 ... 25		
		flexible			1 ... 2.5	1.5 ... 16		
Screw					M3.5	M5		
Head screw					PZ2			
Tightening torque				Nm	1.2	3.5		
AUXILIARY CIRCUIT	Rated operational voltage		U_e	V	400			
	Rated insulation voltage		U_i	V	415	440		
	Rated impulse withstand voltage		U_{imp}	kV	4			
	Thermal current		I_{th}	A	20	40	63	
	AC-15							
	Rated operational current	single-phase	230 V	I_e	A	6		
		single-phase	400 V			4		
Electrical endurance		AC-15		op. c.	300,000	150,000	150,000	
CONTROL CIRCUIT	Range at control voltage		U_c	%	85 ... 110			
	Control voltages		U_c	V	12 ... 230			
	Surge immunity test (1.2/50 μs), acc. to IEC/EN 61000-4-5			kV	2			
	Coil consumption	switch-on		VA/W	30/25	5/5	5/5	
		operation			5/1.5	5/5	5/5	
	Make/break delays	make		ms	7 – 20	15 – 20	15 – 20	
		break			10 – 20	35 – 45	35 – 45	
	Terminal capacity	rigid	S	mm ²	1 ... 2.5			
		flexible			1 ... 2.5			
	Screw				M3,5	M3		
Screw head				PZ2	PZ1			
Tightening torque				Nm	0.6			



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IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63

SWITCHING OF LAMPS

Type	Power (W)	Current (A)	C (μF)	Max. number of lamps per pole at 230 V 50 Hz		
				IK21	IK40	IK63
Incandescent lamps (tungsten filament)	60	0.26	–	33	65	85
	100	0.44	–	20	40	50
	200	0.87	–	10	20	25
	500	2.17	–	3	8	10
	1000	4.35	–	1	4	5
Fluorescent lamps. uncorrected or series correction	18	0.37	2.7	22	90	140
	24	0.35	2.5	22	90	140
	36	0.43	3.4	17	65	95
	58	0.67	5.3	14	45	70
Fluorescent lamps. lead-lag circuit	2 x 18	0.11	–	2 x 30	2 x 100	2 x 150
	2 x 24	0.14	–	2 x 24	2 x 78	2 x 118
	2 x 36	0.22	–	2 x 17	2 x 65	2 x 95
	2 x 58	0.35	–	2 x 10	2 x 40	2 x 60
Fluorescent lamps. parallel correction	18	0.12	4.5	7	48	73
	24	0.15	4.5	7	48	73
	36	0.20	4.5	7	48	73
	58	0.32	7	4	31	47
Fluorescent lamps with electronic ballast units (EVG)	18	0.09	–	25	100	140
	36	0.16	–	15	52	75
	58	0.25	–	14	50	72
	2 x 18	0.17	–	2 x 12	2 x 50	2 x 70
	2 x 36	0.32	–	2 x 7	2 x 26	2 x 38
	2 x 58	0.49	–	2 x 7	2 x 25	2 x 36
High-pressure mercury-vapour lamps. uncorrected	50	0.61	–	14	38	55
	80	0.80	–	10	29	42
	125	1.15	–	7	20	29
	250	2.15	–	4	10	15
	400	3.25	–	2	7	10
	700	5.40	–	1	4	6
	1000	7.50	–	1	3	4
High-pressure mercury- vapour lamps. parallel correction	50	0.28	7	4	31	47
	80	0.41	8	4	27	41
	125	0.65	10	3	22	33
	250	1.22	18	1	12	18
	400	1.95	25	1	9	13
	700	3.45	45	–	5	7
	1000	4.80	60	–	4	5
Halogen metal-vapour lamps. uncorrected	35	0.53	–	18	43	60
	70	1.00	–	10	23	32
	150	1.80	–	5	12	18
	250	3.00	–	3	7	10
	400	3.50	–	3	6	9
	1000	9.50	–	1	2	3
	2000	16.5	–	–	1	1

IK INSTALLATION CONTACTORS

IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63



SWITCHING OF LAMPS

Type	Power (W)	Current (A)	C (μF)	Max. number of lamps per pole at 230 V 50 Hz		
				IK21	IK40	IK63
Halogen metal-vapour lamps, parallel correction	35	0.25	6	5	36	50
	70	0.45	12	2	18	25
	150	0.75	20	1	11	15
	250	1.50	33	–	6	9
	400	2.50	35	–	6	8
	1000	5.80	95	–	2	3
	2000	11.5	148	–	1	2
Halogen metal-vapour lamps with electronic ballast unit PCI 50-125 x I _n lamp for 0.6 ms	20	0.10	integrated	9	18	20
	35	0.20	integrated	6	11	13
	70	0.36	integrated	5	10	12
	150	0.70	integrated	4	8	10
Transformers for halogen metal-vapour lamps	20	–	–	40	110	174
	50	–	–	20	50	80
	75	–	–	13	35	54
	100	–	–	10	27	43
	150	–	–	7	19	29
	200	–	–	5	14	23
	300	–	–	3	9	14
High-pressure sodium-vapour lamps. uncorrected	150	1.80	–	5	17	22
	250	3.00	–	3	10	13
	400	4.70	–	2	6	8
	1000	10.3	–	–	3	3
High-pressure sodium-vapour lamps. parallel correction	150	0.83	20	1	11	16
	250	1.50	33	–	6	10
	400	2.40	48	–	4	6
	1000	6.30	106	–	2	3
Halogen metal-vapour lamps with electronic ballast unit PCI 50-125 x I _n lamp for 0.6 ms	20	0.10	integrated	9	18	20
	35	0.20	integrated	6	11	13
	70	0.36	integrated	5	10	12
	150	0.70	integrated	4	8	10
Low-pressure sodium-vapour lamps. uncorrected	18	0.35	–	22	71	90
	35	1.50	–	7	23	30
	55	1.50	–	7	23	30
	90	2.40	–	4	14	19
	135	3.50	–	3	10	13
	180	3.30	–	3	10	13
Low-pressure sodium-vapour lamps. parallel correction	18	0.35	5	6	44	66
	35	0.31	20	1	11	16
	55	0.42	20	1	11	16
	90	0.63	26	1	8	12
	135	0.94	45	–	5	8
	180	1.16	40	–	4	7



IK INSTALLATION CONTACTORS

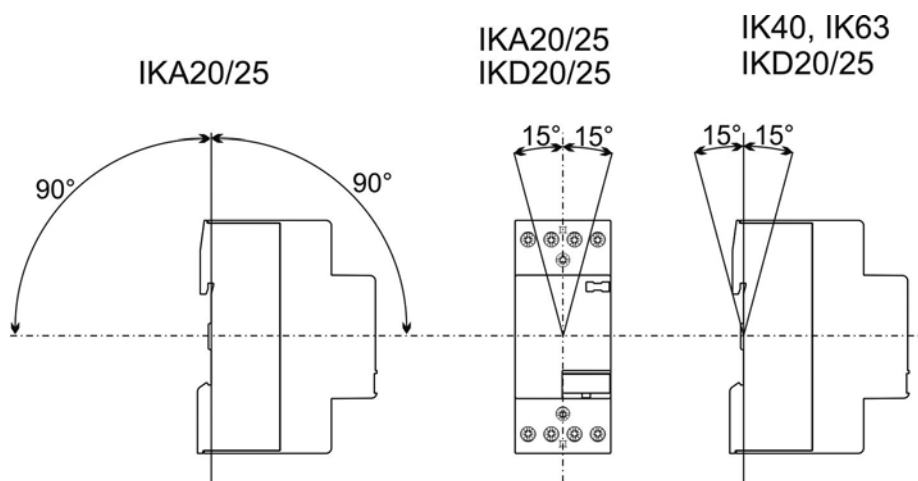
IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63

SWITCHING OF LAMPS

Type	Power (W)	Current (A)	Lumilux T5	Max. number of lamps per pole at 230 V 50 Hz		
				IK21	IK40	IK63
Fluorescent lamps LUMILUX T5 with electronic ballast unit (EVG)	22	0.11	FC	22	80	110
	40	0.21		12	40	60
	55	0.28		8	30	45
	14	0.08	HE	30	105	150
	21	0.11		22	80	115
	28	0.14		18	60	90
	35	0.18		14	48	70
	24	0.12	HO	20	70	100
	39	0.20		12	42	62
	49	0.24		10	35	52
	54	0.27		9	32	47
	80	0.39		6	22	32
	2 x 22	0.23	2 x FC	2 x 11	2 x 40	2 x 55
	2 x 40	0.42		2 x 6	2 x 20	2 x 30
	2 x 55	0.55		2 x 4	2 x 15	2 x 22
	2 x 14	0.15	2 x HE	2 x 15	2 x 52	2 x 75
	2 x 21	0.22		2 x 11	2 x 40	2 x 57
	2 x 28	0.28		2 x 9	2 x 20	2 x 45
	2 x 35	0.36		2 x 7	2 x 24	2 x 35
	2 x 24	0.24	2 x HO	2 x 10	2 x 35	2 x 50
	2 x 39	0.39		2 x 6	2 x 21	2 x 31
	2 x 49	0.48		2 x 5	2 x 17	2 x 26
	2 x 54	0.54		2 x 4	2 x 16	2 x 23
	2 x 80	0.74		2 x 3	2 x 11	2 x 16

IK21 contactors operation position is optional

Operation position for contactors IKA20, IKD20, IKA25, IKD25, IK40 and IK63:

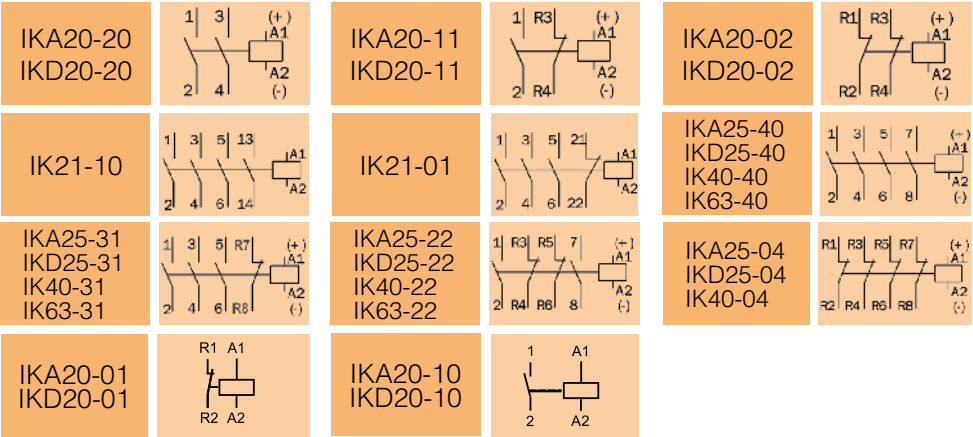


IK INSTALLATION CONTACTORS

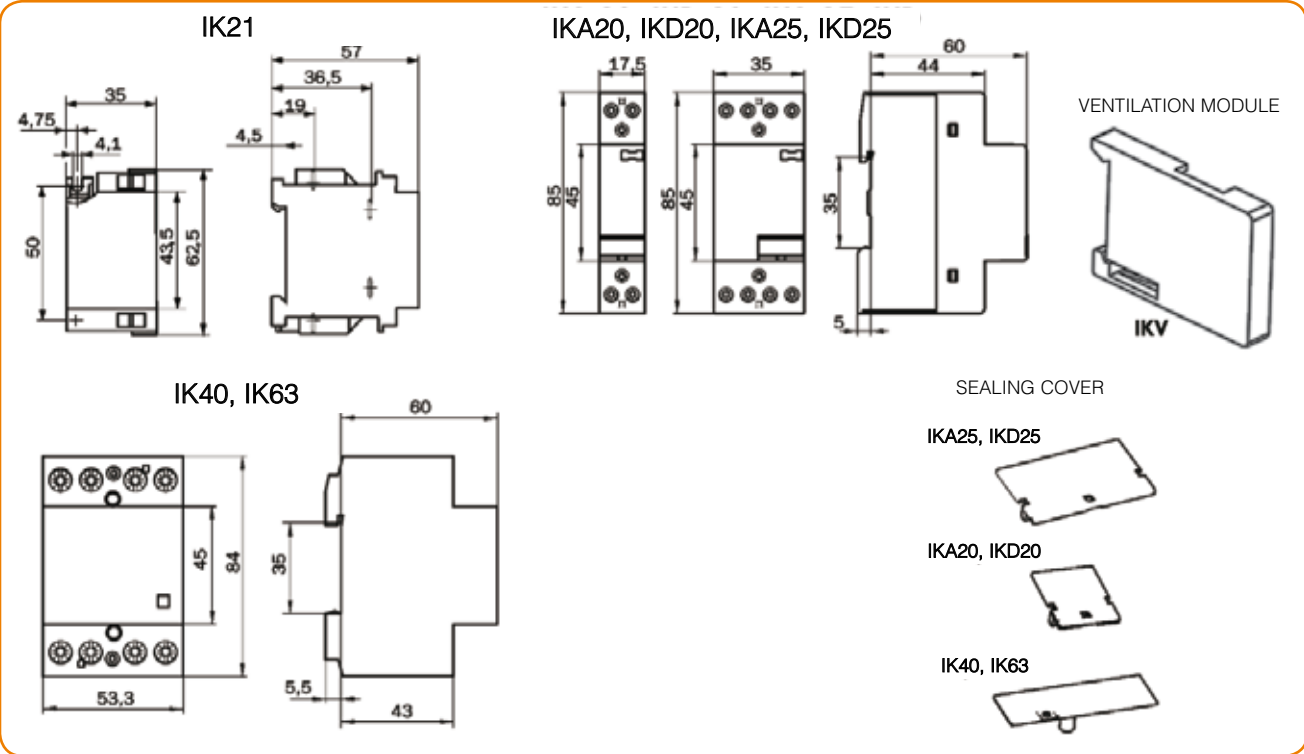
IKA20, IKD20, IK21, IKA25, IKD25, IK40, IK63



CONTACT ARRANGEMENTS



DIMENSIONS



ORDERING DATA

The type designation and control voltage are stated when ordering the contactors

