



Series 200

- 2-poles installation contactor
- Thermal current: 32 A
- Rated current AC-1: 32 A

Advanced operation

- AC remote control

Other benefits

- Installation contactor for applications such as residential, hospitals, hotels and business premises
- Fast switching of motors, electric heating, lights and lighting, all kind of electrical and electronic equipment
- Mounting on 35 mm rail
- Degree of protection IP20



Installation Contactor

IKA232-20/230 V

Technical data			IKA232-20/230 V
General			
Standard			IEC/EN 60947-4-1, IEC/EN 61095
Module width (1 module width = 17.5 mm)			1
Mechanical endurance			3 x 10 ⁶
Ambient temperature		°C	-15 ... +55
Storage temperature		°C	-40 ... +80
No. of contactors side-by-side	≤ 40 °C		max.3
	40 - 50 °C		max.2
Contact reliability			17 V; ≥ 50 mA
Min. distance of open contacts		mm	3.6
Power dissipation per pole		W	2.5
Overcurrent withstand capability		A	72
Max. back-up fuse for short-circuit protection gG (gL) - coordination type 1	I _v	A	32
Max. operating frequency	DC-1		300
	AC-1/AC-7a/AC-3/AC-7b/lamp loads		600
	No load		3000
Weight		kg	0.13
Main circuit			
Rated insulation voltage	U _i	V	440
Rated impulse withstand voltage	U _{imp}	kV	4
Thermal current	I _{th}	A	32
Rated operational voltage	U _e	V	230
Rated frequency	f	Hz	50/60
Rated operational current AC-1 - Non-inductive or slightly inductive loads, resistance furnaces AC-7a - Slightly inductive loads in household appliances and similar applications	I _e	A	32
Operational power for AC-1/AC-7a single-phase 230 V	P _e	kW	7.0
Electric endurance for AC-1/AC-7a		op.c.	NO: 150.00 ; NC: 100.000
Rated operational current AC-3 - Squirrel-cage motors, starting; switching off during running AC-7b - Motor-loads for household applications	I _e	A	NO: 9 ; NC: 6
Operational power for AC-3/AC-7b single-phase 230 V	P _e	W	NO: 1.3 ; NC: 0.75
Electric endurance for AC-3/AC-7b		op.c.	300.000
Rated operational current DC-1 - Non-inductive or slightly inductive loads, resistive furnaces L/R ≤ 1 ms	I _e	A	32 / 24 V / 1 pole
Electrical endurance for DC-1		op.c.	100.000
Terminal capacity	rigid	S	mm ²
	flexible		
Screw			M3.5
Screw head			PZ1
Tightening torque		Nm	1.2

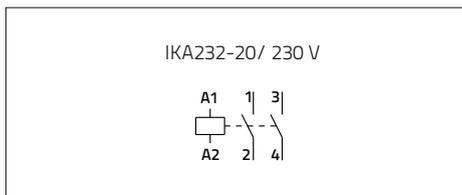
Efficient installations

Installation Contactor

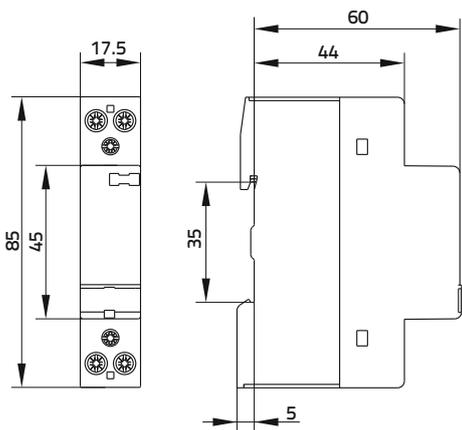
IKA232-20/230 V

Technical data			IKA232-20/230 V
Control circuit			
Range of control voltage	U_c	%	85 ... 110
Kind of voltage			AC
Control voltage	U_c	V	230
Frequency (AC)	f	Hz	50/60
Surge immunity test (1.2/ 50 μ s) acc. to IEC/EN 6100-4-5		kV	2
Coil consumption	operation	VA/W	2.8 / 1.2
Surge immunity test (1.2/ 50 μ s) acc. to IEC/EN 6100-4-5		kV	2
Delays	make	ms	15 - 25
	break		
Terminal capacity	rigid	S	mm ²
	flexible		
Tightening torque		Nm	0,6

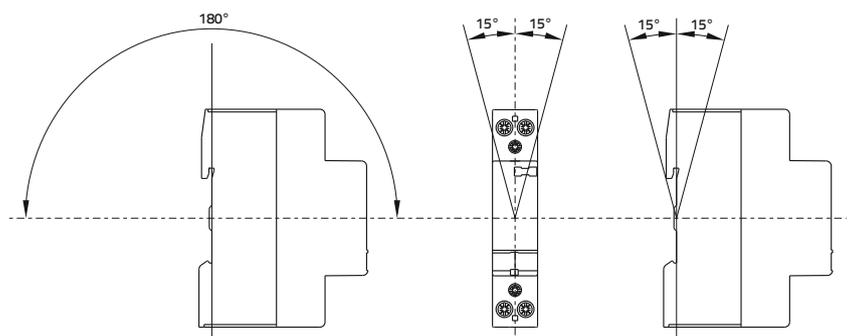
Contact arrangements



Dimensions



Operation position



Ordering data

IKDA32 - **20 / 230 V**

Control voltage

Version of contacts

Type

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Iskra, d. d.
Stegne 21
SI-1000 Ljubljana, Slovenia

Phone: +386 (0) 1 51 31 000
Fax: +386 (0) 1 51 11 532
www.iskra.eu