IKE823290





General specifications	
Product name	IKEPE Disjoncteur 2A Ph+N courbe C 4.5kA 230V
Part no.	DISJPNC2
EAN	3700609632905
Product Length/Depth	86 millimetre
Product height	73 millimetre
Product width	17.5 millimetre
Product weight	0.13 kilogram
Compliances	RoHS conform

Delivery program

Application	xPole - Switchgear for residential and commercial applications Switchgear for residential and commercial applications
Number of poles	Single-pole + N
Number of poles (total)	2
Number of poles (protected)	1
Tripping characteristic	С
Release characteristic	С
Amperage Rating	2 A
Туре	PLG4 Miniature circuit breaker
Fechnical Data - Electrical	
Voltage type	AC
Rated operational voltage (Ue) - max	230 V
Rated insulation voltage (Ui)	440 V
Rated impulse withstand voltage (Uimp)	4 kV
Frequency rating - min	50 Hz
Frequency rating - max	60 Hz
Rated switching capacity (IEC/EN 60898-1)	4.5 kA
Rated short-circuit breaking capacity (EN 60898) at 230 V	4.5 kA
Rated short-circuit breaking capacity (EN 60898) at 400 V	4.5 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 230 V	0 kA
Rated short-circuit breaking capacity (IEC 60947-2) at 400 V	0 kA
Overvoltage category	III
Pollution degree	2
echnical Data - Mechanical	
Width in number of modular spacings	1
Built-in depth	70.5 mm
Degree of protection	IP20
Connectable conductor cross section (solid-core) - min	1 mm²
Connectable conductor cross section (solid-core) - max	25 mm²
Connectable conductor cross section (multi-wired) - min	1 mm²
Connectable conductor cross section (multi-wired) - max	25 mm²
Design verification as per IEC/EN 61439 - technical data	
Rated operational current for specified heat dissipation (In)	2 A
Heat dissipation per pole, current-dependent	0 W
Equipment heat dissipation, current-dependent	1.4 W

Static heat dissipation, non-current-dependent	0 W
Heat dissipation capacity	0 W
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	75 °C
Additional information	
Current limiting class	3
Features	Concurrently switching N-neutral Additional equipment possible
Special features	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
Used with	Miniature circuit breaker PLG4

Technical data ETIM 9.0

Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042)

Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss13-27-14-19-01 [AAB905019])

Number of poles (total) 2 Number of protected poles 1 Rated current A 2 Rated voltage V 200 Rated involtage UI V 440 Rated involtage UImp kV 4 Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V kA 4.5 Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V kA 4.5 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V kA 0 Power loss W 0 0 Frequency HZ 0 0 Power loss W 0 0 Current limiting class Y 0 0 Current limiting class Y 0 0 Plush-mounted installation Y 0 0 Concurrently switching neutral conductor Y 0 0 Over voltage category Y 0 0	Built-in depth	mm	70.5
Number of protected poles 1 Rated current A 2 Rated voltage V 230 Rated insulation voltage Ui V 440 Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V kA 4.5 Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 4.5 Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 0 Rated short-circuit breaking capacity Icu according to EN 60894-72 at 230 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0 Power loss V 1 Current limiting class N N Flush-mounted installation N N Concurrently switching neutral conductor Yes 2 Very voltage category Yes <	Release characteristic		C
Rated current A 2 Rated voltage V 230 Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp kV 4 Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V kA 4.5 Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 4.5 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V kA 0 Frequency H2 50 -60 Power loss W 1.4 Current limiting class No No Flush-mounted installation No V Concurrently switching neutral conductor Yes 2 Over voltage category 3 3 Pollution degree Yes Yes Additional equipment possible Yes Yes Width in number of modular spacings Yes Yes	Number of poles (total)		2
Rated voltage V 230 Rated insulation voltage Ui V 440 Rated impulse withstand voltage Uimp kV 4 Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V kA 4.5 Voltage type AC AC Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V KA 4.5 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V KA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V KA 0 Frequency HZ 50 - 60 Power loss W 1.4 Current limiting class W 1.4 Flush-mounted installation No No Currently switching neutral conductor Yes Over voltage category 9 2 Over voltage category 9 2 Additional equipment possible Yes 1 Width in number of modular spacings P 1 1 Degree of protection (IP) 1 1 2 5 <tr< td=""><td>Number of protected poles</td><td></td><td>1</td></tr<>	Number of protected poles		1
Rated insulation voltage Uin Rated insulation voltage Uimp Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icn according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rate	Rated current	Α	2
Rated impulse withstand voltage Uimp KV 4 Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V kA 4.5 Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V kA 4.5 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V kA 0 Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V kA 0 Frequency Hz 50 - 60 Power loss W 1.4 Current limiting class W 1.4 Flush-mounted installation W 1.4 Concurrently switching neutral conductor W Yes Over voltage category Yes 2.2 Pollution degree Yes 2.2 Additional equipment possible Yes 1.2 Width in number of modular spacings 1.2 1.2 Degree of protection (IP) 1.2 2.5 - 75 Anhient temperature during operating 2.2 2.5 - 75 Connectable conductor cross section solid-core mm² 1.25	Rated voltage	V	230
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V Voltage type Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 6094	Rated insulation voltage Ui	V	440
Voltage type Rated short-circuit breaking capacity Icu according to EN 60898 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 200 V Rated short-circuit breaking capa	Rated impulse withstand voltage Uimp	kV	4
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity ICu according to IEC 60947-2 at 2400 V Rated short-circuit breaking capacity ICu according t	Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	kA	4.5
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	Voltage type		AC
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	kA	4.5
Frequency Power loss Current limiting class Flush-mounted installation Concurrently switching neutral conductor Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Width in number of modular spacings Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core Hz 50 - 60 W 1.4 Aba No Yes 2 Yes 4 1 1 1 1 1 1 1 1 2 1 2 1 1	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	kA	0
Power loss Current limiting class Flush-mounted installation Concurrently switching neutral conductor Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Degree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core W 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4	Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	kA	0
Current limiting class Flush-mounted installation Concurrently switching neutral conductor Ves Over voltage category Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Width in number of modular spacings Wighth in number of modular spacings Wighth in temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core "C" 1-25 Connectable conductor cross section solid-core "mm" 1-25	Frequency	Hz	50 - 60
Flush-mounted installation Concurrently switching neutral conductor Over voltage category Pollution degree P	Power loss	W	1.4
Concurrently switching neutral conductor Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Under temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core Yes Yes Yes 1 1 1 1 1 1 1 1 1 1 1 1 1	Current limiting class		3
Over voltage category Pollution degree Additional equipment possible Width in number of modular spacings Wighth in number of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core Pollution 3 Yes Yes 1 1 P20 -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Flush-mounted installation		No
Pollution degree 2 Additional equipment possible Yes Width in number of modular spacings 1 Degree of protection (IP) IP20 Ambient temperature during operating °C -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Concurrently switching neutral conductor		Yes
Additional equipment possible Width in number of modular spacings Degree of protection (IP) Ambient temperature during operating Connectable conductor cross section multi-wired Connectable conductor cross section solid-core Yes 1 1 P20 -25 - 75 -25 - 75 -25 -25 -25 -25 -25 -25 -25 -	Over voltage category		3
Width in number of modular spacings Degree of protection (IP) Ambient temperature during operating °C -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Pollution degree		2
Degree of protection (IP) Ambient temperature during operating °C -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Additional equipment possible		Yes
Ambient temperature during operating °C -25 - 75 Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Width in number of modular spacings		1
Connectable conductor cross section multi-wired mm² 1 - 25 Connectable conductor cross section solid-core mm² 1 - 25	Degree of protection (IP)		IP20
Connectable conductor cross section solid-core mm² 1 - 25	Ambient temperature during operating	°C	-25 - 75
	Connectable conductor cross section multi-wired	mm ²	1 - 25
Explosion-proof No	Connectable conductor cross section solid-core	mm²	1 - 25
	Explosion-proof		No