



IEC/EN 60898-1



- iK60N circuit breakers are circuit breakers which combine the following functions:
 - circuit protection against short-circuit currents,
 - circuit protection against overload currents,
 - disconnection, opening and closing.

iK60N circuit breaker 50/60 Hz		
Breaking capacity in short circuit (I _{cn}) as per IEC/EN 60898-1		Service breaking capacity (I _{cs})
Ph/Ph	400 V	100 % of I _{cn}
Ph/N	230 V	
Rating (I _n) 1 to 63 A	6000 A	

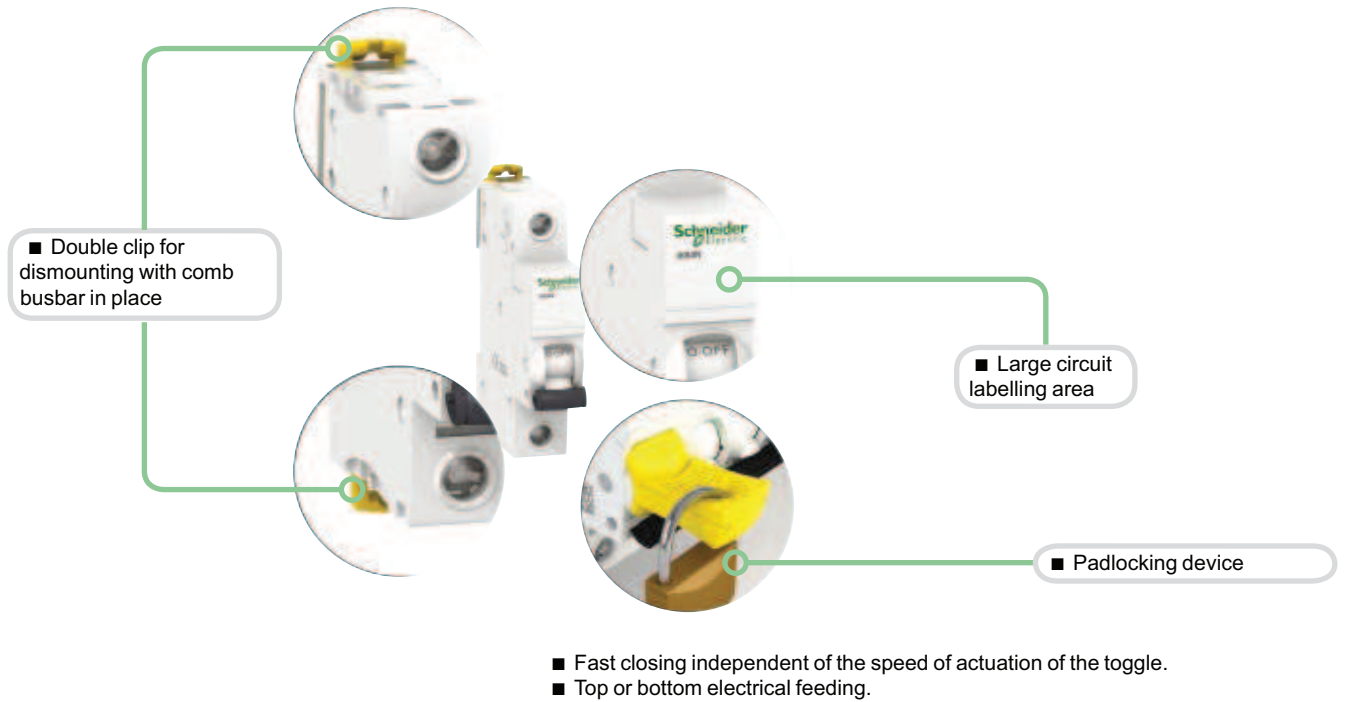
Catalogue numbers

iK60N circuit breaker						
Type	1P	1P+N	2P	3P	4P	
Auxiliaries	Without auxiliaries	Without auxiliaries	Without auxiliaries	Without auxiliaries	Without auxiliaries	
Vigi iC60	Without Vigi iC60	Without Vigi iC60	Without Vigi iC60	Without Vigi iC60	Without Vigi iC60	
Rating (I _n)	Curve C	Curve C	Curve C	Curve C	Curve C	
1 A ⁽¹⁾	A9K24101	A9K24601	A9K24201	-	-	
2 A ⁽¹⁾	A9K24102	A9K24602	A9K24202	-	-	
3 A ⁽¹⁾	A9K24103	A9K24603	A9K24203	-	-	
4 A ⁽¹⁾	A9K24104	A9K24604	A9K24204	-	-	
6 A	A9K24106	A9K24606	A9K24206	A9K24306	A9K24406	
10 A	A9K24110	A9K24610	A9K24210	A9K24310	A9K24410	
13 A ⁽¹⁾	A9K24113	A9K24613	A9K24213	A9K24313	A9K24413	
16 A	A9K24116	A9K24616	A9K24216	A9K24316	A9K24416	
20 A	A9K24120	A9K24620	A9K24220	A9K24320	A9K24420	
25 A	A9K24125	A9K24625	A9K24225	A9K24325	A9K24425	
32 A	A9K24132	A9K24632	A9K24232	A9K24332	A9K24432	
40 A	A9K24140	A9K24640	A9K24240	A9K24340	A9K24440	
50 A	A9K24150	A9K24650	A9K24250	A9K24350	A9K24450	
63 A	A9K24163	A9K24663	A9K24263	A9K24363	A9K24463	
Operating frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	
Width in 9-mm modules	2	4	4	6	8	
Accessories	Module CA907000 and CA907001	Module CA907000 and CA907001	Module CA907000 and CA907001	Module CA907000 and CA907001	Module CA907000 and CA907001	

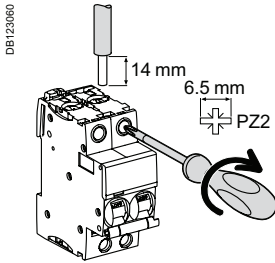
(1) VDE approved only.



iK60N circuit breakers (curve C) (cont.)

PB10434-40

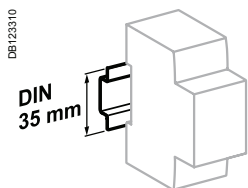


Connection

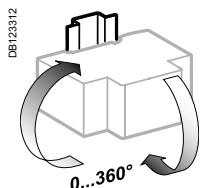


Type	Rating	Tightening torque	Without accessory	
			Copper cables	
			Rigid	Flexible or ferrule
C curve	1 to 32 A	2 N.m		
	40 to 63 A	3.5 N.m		

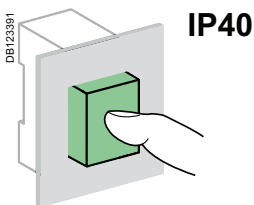
iK60N circuit breakers (curve C) (cont.)



Clip on DIN rail 35 mm.



Indifferent position of installation.



Technical data

Main characteristics

According to IEC/EN 60898-1

Insulation voltage (Ui)	440 V AC
Pollution degree	2
Rated impulse withstand voltage (Uimp)	4 kV
Thermal tripping	Reference temperature 30°C
	Temperature derating See module CA908007
Magnetic tripping	C curve 5 to 10 In
Limitation class	3
Rated making and breaking capacity of an individual pole (Icn1)	Icn1 = Icn

Additional characteristics

Degree of protection (IEC 60529)	Device in modular enclosure	IP40 Insulation classe II
Endurance (O-C)	Electrical	10,000 cycles
	Mechanical	20,000 cycles
Overvoltage category (IEC 60364)		III
Operating temperature		-25°C to +60°C
Storage temperature		-40°C to +85°C

Weight (g)

Circuit-breaker

Type	iK60N
1P	100
2P	200
3P	300
4P	400

Dimensions (mm)

