

comparison

Type	BKN/BKN-c (existing products)	BKJ63N / BKJ63Nd (New products)
Standard	IEC60898-1	IEC60898-1
Protections	Overload/Short circuit	Overload/Short circuit
Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P (BKN) 1P, 2P, 3P, 4P (BKN-c)	1P, 1P+N, 2P, 3P, 3P+N, 4P
Rated current In (A)	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63 ^a	1,2,3,4,6,10,13,16,20,25,32,40,50,63
Rated voltage Ue (V)	1P at 230/400VAC 2P~4P at 400VAC	1P Pole 240/415Vac/ 1P+N Pole : 240Vac 2~4 Pole : 415Vac
Trip characteristics	B, C, D	B, C, D
Rated insulation voltage(Ui)	Ui=500V	Ui=500V
Rated impulse withstand voltage (Uimp)	Uimp=4kV	Uimp=4kV
Rated frequency (Hz)	50/60	50/60
Rated conditional short-circuit current (kA)	6kA	6kA
Rated residual breaking capacity (kA)	6kA	6kA
Electrical life	4,000	8,000
Mechanical life	10,000	20,000
Protection degree	IP20	IP20
Ambient temperature (°C)	-5°C ~ +40°C	-5°C ~ +40°C
Mounting	35mm Din-rail	35mm Din-rail
Tightning torque	2.0N.m	2.0N.m
Terminal	BKN: Lug type BKN-c: Dual type (Lug & Screw)	BKJ63N: Lug type BKJ63Nd: Dual type (Lug & Screw)
Dimensions (H x D x W)	67×81×18 (1P기준)	67×81×18 (1P기준)
Accessory	AX, AL, SHT, OVT/UVT	AX,AL,SHT,OVT/UVT (with BKN-b)
Certification	SEMKO CB 60898-1	SEMKO CB 60898-1/IEC60947-2
ROHS	○	○

Characteristics

- **Enhance product performance**
 - Rated Voltage
: 230/400V → 240/415V
 - Life span
: electrical 4,000 → 8,000
: mechanical 10,000 → 20,000
- **Double Certification**
 - IEC60898-1, IEC60947-2
- **Accessories Common Use**
 - BKN-b Accessories Available
(AX, AL, SHT, OVT/UVT)
- **Appearance Changes**
 - New products : Add 'On/Off Indicator'
 - Terminal Height : Same as BKN-b