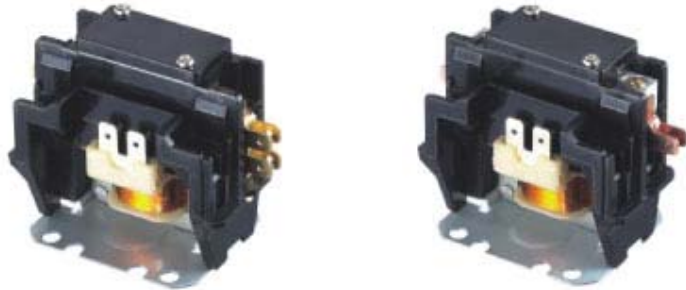


CONTACTORS

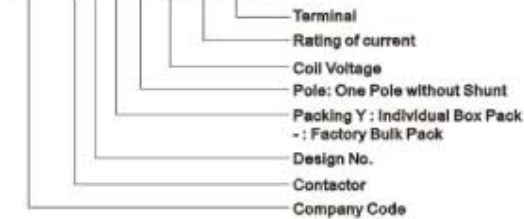


NGYC3-1N Series Definite Purpose Contactor



Type and Meaning

NGY C 3 - 1N H BB AA



Applicable Scope

NGYC3-1NHBBAA(1P/20A/380-480VAC)Definite Purpose Contactor(Follow Defers To DP Contactor),Mainly is Suitable For 50Hz Or 60Hz, When The AC-8a Use Category Fixed Working Voltage Is 240V Or 277V The Nominal Current Up To The 20A Electric Circuit, Is Suitable For The Starting And The Control Single-Phase Motor (Or Compressor) And Other Single-Phase Loads. Mainly Uses In The Domestic Electric Appliances Profession, Specially In Air Conditioning Profession,Conforms To IEC60947, UL508 and GB14048 standard.

Product Explanation And Main Technical Parameter

Type	NGYC3-1NHBBAA(1P/20A/380-480VAC) Definite Purpose Contactor	
Standard	IEC60947	UL508
Rating of Current	Ie :20A	FLA: 20A
Rating of Contacts Voltage	Ue :240/277VAC	240/277/480/600VAC
Rating of Insulation Voltage	Ui :660V	600V
Rating of Coil Voltage	Us :380-480VAC	Us: 480VAC 60Hz
Mechanical Life	1000,000 Cycle	1000,000 Cycle
Electricity life	100,000 Cycle	250,000 Cycle

Product Explanation

1.Product Description

NGYC3-1NHBBAA is Suitable To Exchanges 50 Or 60hz, Fixed Working Voltage To 277v, Fixed Operating Current To 20a Single-Phase Load Circuit Control,At Present, Widely Applies To The Single-Phase Mechanical Device Main Circuit As Well As The Single-Phase Air-Conditioner Compressor Control.

2.The Regular Service Condition And Installs The Condition

- a. In The Surrounding Air Temperature The Limiting Value Is +65 ℃, Gets Down The Limiting Value Is -25 ℃ ;
- b. The Installation Site Elevation Does Not Surpass 2000m;
- c. The Air Pollution Rank Is 2 Levels;
- d. Installs The Category Is II ;
- e. Installment Facing The Gradient Does Not Surpass ±5° ;
- f. Not Remarkable Undulation, Impact And Vibration Place.

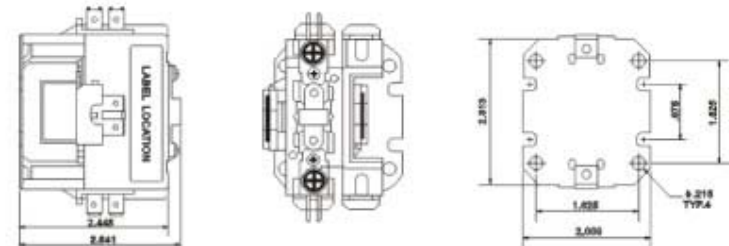
3.Main Technical Parameter

- a. Contactor Coil Picking Up In 75% ~ 110% Us Reliably Working, its Drop Out Voltage In 20% ~ 70%Us;
- b. Contactor Use Category: Ac-1, Ac-8a;
- c. Contactor In With 0.4m Place, its Noise Below 40db.

4. Installing Specification And Install Size

- a. Installs The Way To Be Fixed For The Screw, Some Two Kinds install The Size To Choose One Kind Of Size Fitting Surface And The Horizontal Plane Are The Vertical Shape GradientAre Not Bigger Than ±5° ;
- b. Before The Use Should Inspect The Power Terminal And The Contactor Quick Connect Whether Inserts Arrives, Is Reliable, Avoids Creating The Breakdown, Behind Check Off May Electrify Triles .

Product Feature



Conforms To The Standard

Conforms To UL508, IEC60947, GB14048 Standard

Ordering Request

In Order To Guarantee You Purchase Right, Please Read The Specify Type Before Order.

Contactor Specification Model, Pole Number, Coil Control Voltage, Rating Of Operating Current, Wiring Way(Terminal), Whether With Cover ,The Packing Way, Etc If You Request As Follows: Nominal Current: 20A, Working Voltage: 240/277V, 480V,600V, Pole Number: One Pole Without Shunt, Coil Control Voltage: 480V, Wiring Way: Quick Connect, Load Current: Single-Phase Motor Controls Or Heating Load, Packing: 50/Each Box (Factory Packing).

Lifts The Samples As Follows (Contains Derivation Type From This Model)

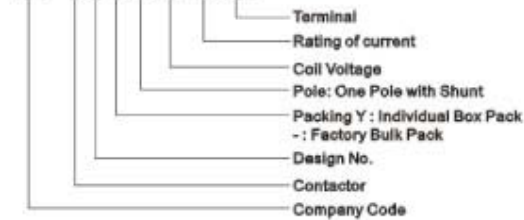
Rating of Current Ie	Pole	Rating of Coil Control Voltage					Control Motor Power
		24VAC	120VAC	208/240VAC	277VAC	380/480VAC	
20A	One Pole:1P	NGYC3-1NQBAA	NGYC3-1NTBBAA	NGYC3-1NUBBAA	NGYC3-1NVBBAA	NGYC3-1NHBBAA	1.5Kw

NGYC3-1X Series Definite Purpose Contactor



Type and Meaning

NGY C 3 - 1X Q BB AA



Applicable Scope

NGYC3-1XQBBAA(1.5P/20A/24VAC)Definite Purpose Contactor(Follow Defers To DP Contactor),Mainly Is Suitable For 50Hz Or 60Hz, When The AC-8a Use Category Fixed Working Voltage Is 240V Or 277V The Nominal Current Up To The 20A Electric Circuit, Is Suitable For The Starting And The Control Single-Phase Motor (Or Compressor) And Other Single-Phase Loads. Mainly Uses In The Domestic Electric Appliances Profession, Specially In Air Conditioning Profession, Conforms To IEC60947, UL508 and GB14048 standard.

Product Explanation And Main Technical Parameter

Type	NGYC3-1XQBBAA(1.5P/20A/24VAC) Definite Purpose Contactor	
Standard	IEC60947	UL508
Rating of Current	Ie : 20A	FLA: 20A
Resistive Am	Ith : 30A	RES: 30A
Rating of Contacts Voltage	Ue : 240/277 (V)	240/277/480/600VAC
Rating of Insulation Voltage	Ui : 660 (V)	600V
Rating of Coil Voltage	Us : 24 (V)	Us: 24VAC 50/60Hz
Mechanical Life	1000,000 Cycle	1000,000 Cycle
Electricity life	100,000 Cycle	250,000 Cycle

Product Explanation

1.Product Description

NGYC3-1XQBBAA Is Suitable To Exchanges 50 Or 60hz, Fixed Working Voltage To 277v, Fixed Operating Current To 20A Single -Phase Load Circuit Control,At Present, Widely Applies To The Single-Phase Mechanical Device Main Circuit As Well As The Single-Phase Air-Conditioner Compressor Control.

2.The Regular Service Condition And Installs The Condition

- In The Surrounding Air Temperature The Limiting Value Is +65 ℃, Gets Down The Limiting Value Is -25 ℃ ;
- The Installation Site Elevation Does Not Surpass 2000m;
- The Air Pollution Rank Is 2 Levels;
- Installs The Category Is II ;
- Installation Facing The Gradient Does Not Surpass $\pm 5^\circ$;
- Not Remarkable Undulation, Impact And Vibration Place.

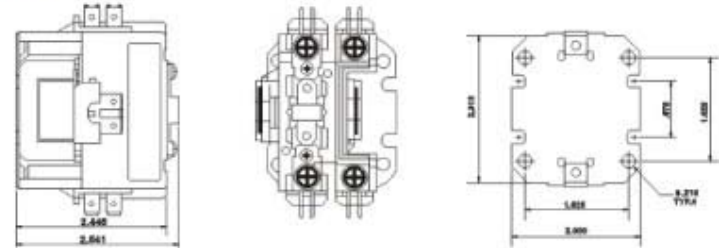
3.Main Technical Parameter

- Contactor Coil Picking Up In 75% ~ 110% Us Reliably Working, Its Drop Out Voltage In 20% ~ 70%Us;
- Contactor Use Category: Ac-1, Ac-8a;
- Contactor In With 0.4m Place, Its Noise Below 40db.

4. Installing Specification And Install Size

- Installs The Way To Be Fixed For The Screw, Some Two Kinds Install The Size To Choose One Kind Of Size Fitting Surface And The Horizontal Plane Are The Vertical Shape Gradient Are Not Bigger Than $\pm 5^\circ$;
- Before The Use Should Inspect The Power Terminal And The Contactor Quik Connect Whether Inserts Arrives, Is Reliable, Avoids Creating The Breakdown, Behind Check Off May Electrify Tries .

Product Feature



Conforms To The Standard

Conforms To UL508, IEC60947, GB14048 Standard

Ordering Request

In Order To Guarantee You Purchase Right, Please Read The Specify Type Before Order.

Contactor Specification Model, Pole Number, Coil Control Voltage, Rating Of Operating Current, Wiring Way(Terminal), Whether With Cover ,The Packing Way, Etc If You Request As Follows: Nominal Current: 20A, Working Voltage: 240/277V, 480V,600V, Pole Number: One Pole Without Shunt, Coil Control Voltage:24V, Wiring Way: Quick Connect,Load Current: Single-Phase Motor Controls Or Heating Load, Packing: 50/Each Box (Factory Packing).

Lifts The Samples As Follows (Contains Derivation Type From This Model)

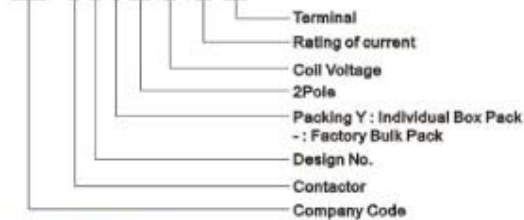
Rating of Current Ie	Pole	Rating of Coil Control Voltage					Control Motor Power
		24VAC	120VAC	208/240VAC	277VAC	380/480VAC	
20A	1.5P	NGYC3-1XQBAA	NGYC3-1XTBAA	NGYC3-1XUBAA	NGYC3-1XVBAA	NGYC3-1XHBAA	1.5Kw

NGYC3-2X Series Definite Purpose Contactor



Type and Meaning

NGY C 3 - 2X U BB AA



Applicable Scope

NGYC3-2XUBBAA(2P/20A/208-240VAC) Definite Purpose Contactor(Follow Defers To DP Contactor), Mainly Is Suitable For 50Hz Or 60Hz, When The AC-8a Use Category Fixed Working Voltage Is 240V Or 277V The Nominal Current Up To The 20A Electric Circuit, Is Suitable For The Starting And The Control Single-Phase Motor (Or Compressor) And Other Single-Phase Loads. Mainly Uses In The Domestic Electric Appliances Profession, Specially In Air Conditioning Profession, Conforms To IEC80947, UL508 and GB14048 standard.

Product Explanation And Main Technical Parameter

Type	NGYC3-2XUBBAA(2P/20A/208-240VAC) Definita Purpose Contactor	
Standard	IEC80947	UI508
Rating of Current	Ie : 20A	FLA: 20A
Resistive Amps	Ith : 30A	RES: 30A
Rating of Contacts Voltage	Ue : 240/277 (V)	240/277/480/600VAC
Rating of Insulation Voltage	Ui : 680 (V)	600V
Rating of Coil Voltage	Uc : 220 (V)	Uc: 208-240VAC 50/60Hz
Mechanical Life	1000,000 Cycle	1000,000 Cycle
Electricity life	100,000 Cycle	250,000 Cycle

Product Explanation

1.Product Description

NGYC3-2XUBBAA Is Suitable To Exchanges 50 Or 60hz, Fixed Working Voltage To 277v, Fixed Operating Current To 20A Single-Phase Load Circuit Control,At Present, Widely Applies To The Single-Phase Mechanical Device Main Circuit As Well As The Single-Phase Air-Conditioner Compressor Control.

2 .The Regular Service Condition And Installs The Condition

- In The Surrounding Air Temperature The Limiting Value Is +65 ℃, Gets Down The Limiting Value Is -25 ℃ ;
- The Installation Site Elevation Does Not Surpass 2000m;
- The Air Pollution Rank Is 2 Levels;
- Installs The Category Is II ;
- Instalment Facing The Gradient Does Not Surpass $\pm 5^\circ$;
- Not Remarkable Undulation, Impact And Vibration Place.

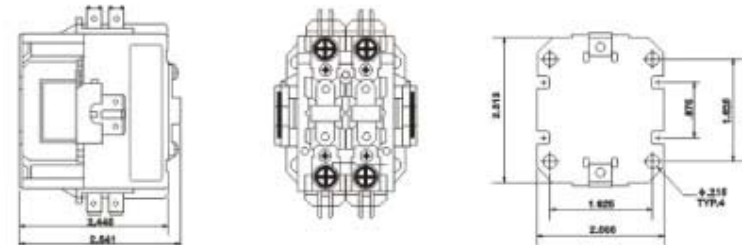
3 .Main Technical Parameter

- Contactor Coil Picking Up In 75% ~ 110% Us Reliably Working, Its Drop Out Voltage In 20% ~ 70%Us,
- Contactor Use Category: Ac-1, Ac-8a;
- Contactor In With 0.4m Place, Its Noise Below 40db.

4 . Installing Specification And Install Size

- Installs The Way To Be Fixed For The Screw, Some Two Kinds Install The Size To Choose One Kind Of Size Fitting Surface And The Horizontal Plane Are The Vertical Shape Gradient Are Not Bigger Than $\pm 5^\circ$;
- Before The Use Should Inspect The Power Terminal And The Contactor Quick Connect Whether Inserts Arrives, Is Reliable, Avoids Creating The Breakdown, Behind Check Off May Electrify Tries .

Product Feature



Conforms To The Standard

Conforms To UL508, IEC80947, GB14048 Standard

Ordering Request

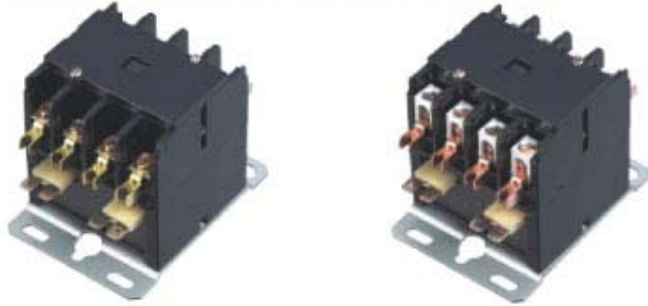
In Order To Guarantee You Purchase Right, Please Read The Specify Type Before Order.

Contactor Specification Model, Pole Number, Coil Control Voltage, Rating Of Operating Current, Wiring Way(Terminal), Whether With Cover ,The Packing Way, Etc If You Request As Follows: Nominal Current: 20A, Working Voltage: 240/277V, 480V,600V, Pole Number: One Pole Without Shunt, Coil Control Voltage:208-240V, Wiring Way: Quick Connect, Load Current: Single-Phase Motor Controls Or Heating Load, Packing: 50/Each Box (Factory Packing).

Lifts The Samples As Follows (Contains Derivation Type From This Model)

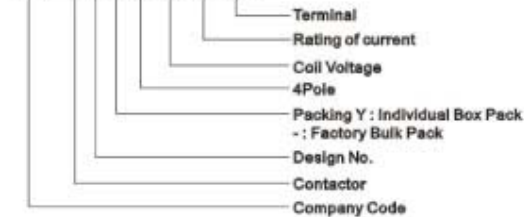
Rating of Current Ie	Pole	Rating of Coil Control Voltage					Control Motor Power
		24VAC	120VAC	208/240VAC	277VAC	380/480VAC	
20A	2P	NGYC3-2XQBAA	NGYC3-2XTBBAA	NGYC3-2XUBBAA	NGYC3-2XVBBAA	NGYC3-2XHBBAA	240VAC
							1.5Kw

NGYC3-4X Series Definite Purpose Contactor



Type and Meaning

NGY C 3 - 4X H BB AA



Applicable Scope

NGYC3-4XHBBAA(1P/20A/380-480VAC)Definite Purpose Contactor(Follow Defers To DP Contactor), Mainly Is Suitable For 50Hz Or 60Hz, When The AC-8a Use Category Fixed Working Voltage Is 240V Or 277V The Nominal Current Up To The 20A Electric Circuit, Is Suitable For The Starting And The Control Single-Phase Motor (Or Compressor) And Other Single-Phase Loads, Mainly Uses In The Domestic Electric Appliances Profession, Specially In Air Conditioning Profession, Conforms To IEC60947, UL508 and GB14048 standard.

Product Explanation And Main Technical Parameter

Type	NGYC3-4XHBBAA(1P/20A/380-480VAC) Definite Purpose Contactor	
Standard	IEC60947	UL508
Rating of Current	Ie : 20A	FLA: 20A
Rating of Contacts Voltage	Ue : 240/277 (V)	240/277/480/600VAC
Rating of Insulation Voltage	Ui : 660 (V)	600V
Rating of Coil Voltage	Us : 380-480 (V)	Us: 480VAC 60Hz
Mechanical Life	1000,000 Cycle	1000,000 Cycle
Electricity life	100,000 Cycle	250,000 Cycle

Product Explanation

1.Product Description

NGYC3-4XHBBAA Is Suitable To Exchanges 50 Or 60hz, Fixed Working Voltage To 277v, Fixed Operating Current To 20a Single-Phase Load Circuit Control,At Present, Widely Applies To The Single-Phase Mechanical Device Main Circuit As Well As The Single-Phase Air-Conditioner Compressor Control.

2.The Regular Service Condition And installs The Condition

- In The Surrounding Air Temperature The Limiting Value Is +65 ℃, Gets Down The Limiting Value Is -25 ℃ ;
- The Installation Site Elevation Does Not Surpass 2000m;
- The Air Pollution Rank Is 2 Levels;
- Installs The Category Is II ;
- Installation Facing The Gradient Does Not Surpass $\pm 5^\circ$;
- Not Remarkable Undulation, Impact And Vibration Place.

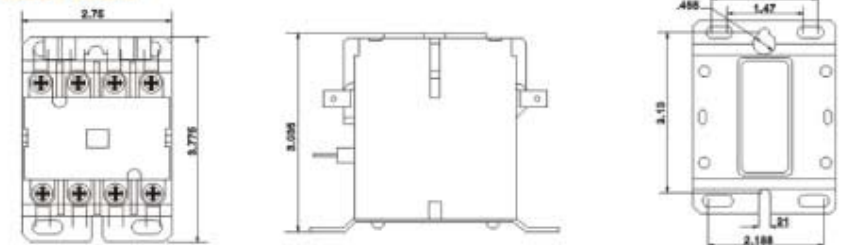
3.Main Technical Parameter

- Contactors Coil Picking Up In 75% - 110% Us Reliably Working, Its Drop Out Voltage In 20% - 70%Us;
- Contactors Use Category: Ac-1, Ac-8a;
- Contactors In With 0.4m Place, Its Noise Below 40db.

4.Installing Specification And Install Size

- Installs The Way To Be Fixed For The Screw, Some Two Kinds Install The Size To Choose One Kind Of Size Fitting Surface And The Horizontal Plane Are The Vertical Shape Gradient Are Not Bigger Than $\pm 5^\circ$;
- Before The Use Should Inspect The Power Terminal And The Contactor Quick Connect Whether Inserts Arrives, Is Reliable, Avoids Creating The Breakdown, Behind Check Off May Electrify Tries .

Product Feature



Conforms To The Standard

Conforms To UL508, IEC60947, GB14048 Standard

Ordering Request

In Order To Guarantee You Purchase Right, Please Read The Specify Type Before Order.

Contactors Specification Model, Pole Number, Coil Control Voltage, Rating Of Operating Current, Wiring Way(Terminal), Whether With Cover ,The Packing Way, Etc If You Request As Follows: Nominal Current: 20A, Working Voltage: 240/277V, 480V,600V, Pole Number: One Pole Without Shunt, Coil Control Voltage: 480V, Wiring Way: Quick Connect, Load Current: Single-Phase Motor Controls Or Heating Load, Packing: 50/Each Box (Factory Packing).

Lifts The Samples As Follows (Contains Derivation Type From This Model)

Rating of Current Ie	Pole	Rating of Coil Control Voltage					Control Motor Power
		24VAC	120VAC	208/240VAC	277VAC	380/480VAC	
20A	One Pole:1P	NGYC3-1NQBAA	NGYC3-1NTBAA	NGYC3-1NUBAA	NGYC3-1NVBAA	NGYC3-1NHBBAA	240VAC 1.5Kw

LC1-D AC Contactor Series



Applicable Scope

LC1-D series AC Contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 60Hz, rated current up to 95A, for making, breaking, frequently starting & controlling the AC motor. Combined with the auxiliary contact block, timer delay & machine-interlocking device etc., it becomes the delay contactor, mechanical interlocking contactor, star-delta starter. With the thermal relay, it is combined into the electromagnetic starter. The Contactor is produced according to IEC947-2, VDE0680 & BS5452.

View Quick Guide

Type	LC1-D09	LC1-D12	LC1-D18	LC1-D25	LC1-D32
Rated working current(A)	AC3 9	12	18	25	32
AC3 capacity of phase3 squirrel-cage motor AC3 (KW)	220/230V	2.2	3	4	5.5
	380/440V	4	5.5	7.5	11
	415V	4	5.5	9	11
	440V	4	5.5	9	11
	500V	5.5	7.5	10	15
Rated heat current(A)	660/690V	5.5	7.5	10	15
		20	20	32	40
Electrical life	AC4-10 ⁴	20	20-15	20-7	15-7
	AC4-10 ³	2	2	2	2
Mechanical life x 10 ⁴		20	20	20	20
	number of the contact	3P+NO 3P+NC			

Standard control circuit voltages

Volts(vac)	24	42	48	110	220/230	230	240	380/400	400	415	440	500	600
50Hz	B5	D5	E5	F5	M5	P5	U5	Q5	V5	N5	R5	S5	Y5
60Hz	B6	D6	E6	F6	M6	-	U6	Q6	-	-	R6	-	-
50/60Hz	B7	D7	E7	F7	M7	P7	U7	Q7	V7	N7	R7	-	-

Type	LC1-D40	LC1-D50	LC1-D65	LC1-D80	LC1-D95
Rated working current(A)	AC3 4	50	65	80	95
Ac3 capacity of phase3 squirrel-cage motor AC3 (KW)	AC4	18.5	24	28	37
	220/230	11	15	18.5	22
	380/440V	18.5	22	30	37
	415V	22	25	37	45
	440V	22	30	37	45
Rated heat current(A)	500V	22	30	37	55
	660/690V	30	33	37	45
Electrical life		60	80	60	125
	AC4-10 ⁴	10-7	7	7-6	7-5
Mechanical life x 10 ⁴	AC4-10 ³	2	2	1.6	1.6
		20	20	20	10
number of the contact	3P+NO+NC				

JBK3 Series machine tools control transformers



Applicable Scope

JBK3 series machine tools control transformers apply to be used as control power, working light of general electric appliance and mechanical equipment of various trades, and power of signal lamp with AC50-60Hz, input voltage doesn't exceed 500V, output rated voltage doesn't exceed 220V.

View Quick Guide

Type	Rated capacity(VA)	Rated input Voltage(V)	Rated output Voltage(V)		
			Control	Illumination	Indication
JBK3-40	40	220±5%	110(127)	24(36)	6(12)
JBK3-63	63				
JBK3-100	100				
JBK3-160	160				
JBK3-250	250				
JBK3-400	400				
JBK3-630	630				
JBK3-1000	1000				
JBK3-1600	1600				
JBK3-2500	2500				
Distribution of capacity for different windings may be					

JBK5 Series machine tools control transformers



Applicable Scope

JBK5 series machine tools control transformers apply to be used as control power, working light of general electric appliance and mechanical equipment of various trades, and power of signal lamp with AC50-60Hz, input voltage doesn't exceed 500V, output rated voltage doesn't exceed 220V.

View Quick Guide

Type	Rated capacity (VA)	Rated input Voltage(V)	Rated output Voltage(V)		
			Control	Illumination	Indication
JBK5-40-60	40-63	220±5%	24 48 110(127) 220	24 (36)	6 (12)
JBK5-100	100				
JBK5-160	160				
JBK5-250	250				
JBK5-400-500	400-500				
JBK5-630	630				
JBK5-800	800				
JBK5-1000	1000				
JBK5-1600	1600				
JBK5-2500	2500				
Distribution of capacity for different windings may be made according to the users' requirements					