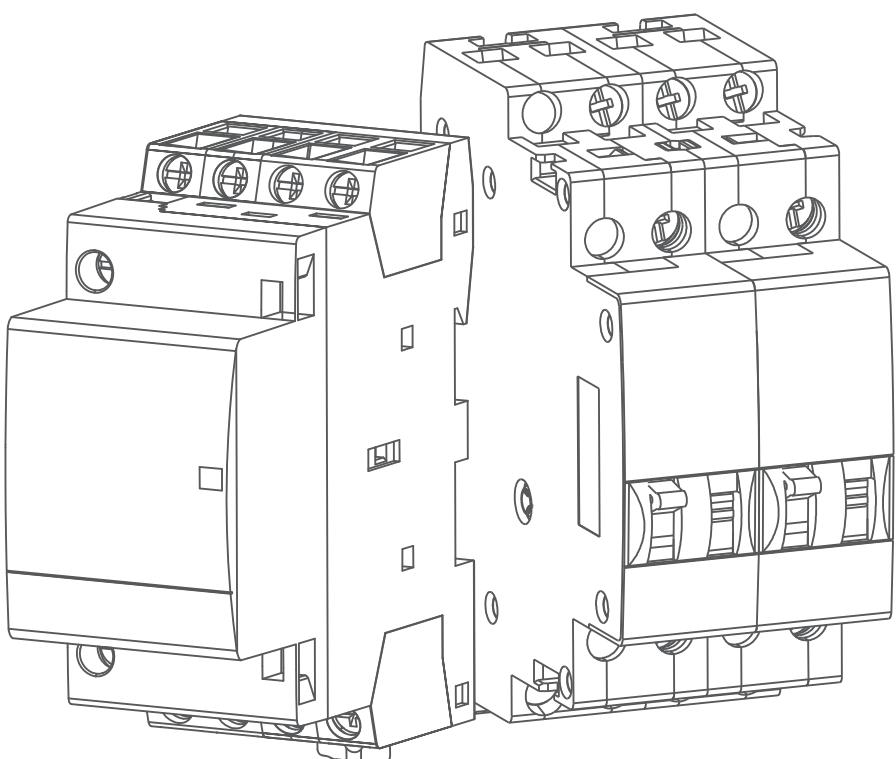




**Modular Contactor  
Impulse Relays  
AC Contactor**





Profession  
Concentration  
Make perfect products !

# **Professional Manufacture**

**AC Modular Contactor**

**DC Modular Contactor**

**Impulse Relay**

**AC Contactor**

# Company Profile

Boomgi Electric is committed to providing high-quality modular contactors and impulse relay products for high-level customers worldwide. The BCH8 series modular contactors,BIR impulse relay and BJC1 AC Contactor have passed the authoritative test by TUV Rheinland Laboratories in Germany and have obtained CE, CB, CCC certifications!

Boomgi electric company respects the spirit of craftsmen. The main founders of the company have more than 15 years of senior technical and quality work experience in the industry. Holding the spirit of concentration and focus, we only have a goal make excellent modular contactors . We determined to be a global leader in manufacturing modular contactor !

Our employees continue to learning and working hard, take science and technology as guidance, and continue to innovate for development , serving the society as the running goals, and taking innovation and pragmatism as the business philosophy, also continuously strengthen scientific management, develop rapidly, become a professional enterprise with modern management, and gradually move to international market.

Only with extreme quality products that would be standing in the market! We are welcome you and willing to work with you together push forward the wider application of modular contactors and impulse relay in future.



## Cooperation Partner

Panasonic

3M

ELEKTRISOLA  
Enamelled Copper Wire

DSM  
BRIGHT SCIENCE. BRIGHTER LIVING.

士林電機  
Shihlin Electric

CHINT

FOODAR 福達  
股票代码：603045

D&C

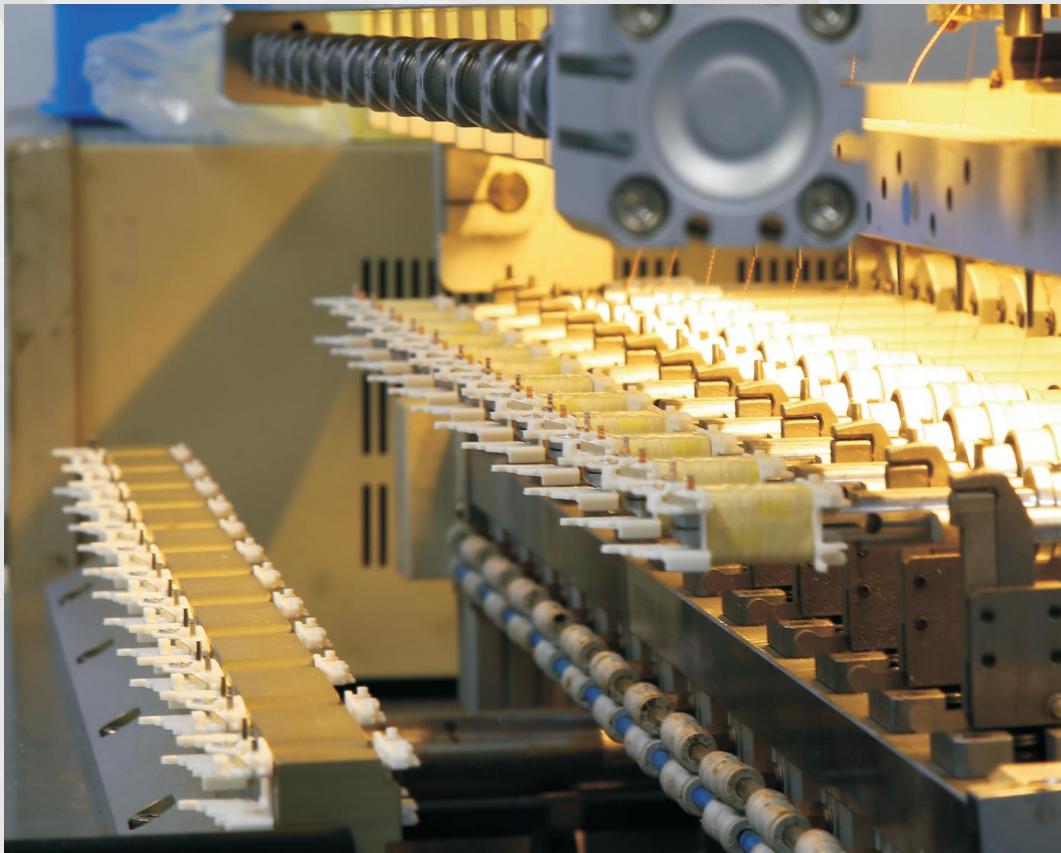
HONYAR



## Excellent Quality

### The basis of quality is manufacturing

The company has more than ten sets of fully-automatic and semi-automatic production equipment, including automatic winding machines, intelligent performance test device, and special contact assembly machines, which are at the leading level in the industry. At present, the factory has realized 40% process automation and semi-automated production.





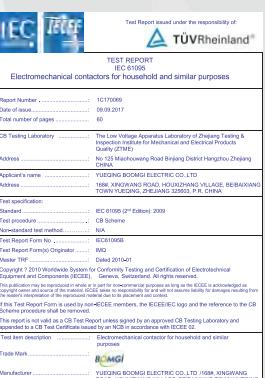
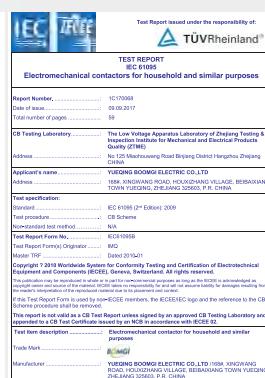
### The essence of the company is quality

We are the first one to introduce modular contactor electrical life test equipment. It conducts type tests such as electrical life, mechanical life, and temperature rise tests continuously throughout the year. It strictly controls the stability of product quality and continuously ensure effective supply of high-quality electrical appliances to customer.

# Company Certificates



DEKRA



# Product Content

## BCH8 Modular contactor

1

Applicable scope	2
AC Modular contactor	2
DC Modular contactor	9
AC/DC Modular contactor	11
AC/DC230V Modular contactor (Duplex Winding)	15
Modular contactor auxiliary	16
Main parameter and technical performance	16
Operation(Manual control contactor)	17
Connection parameter	17
Packing information	18
Product dimensions	19

## BIR Impulse relay

20

Applicable scope	21
Type and meaning	21
Product specification	21
Main parameter and technical performance	23
Operation(Impluse relay)	23
Impulse relay connection and auxiliary	24
Impulse relay multi-poles connection description	24
Packing information	25
Product dimensions	25

Modular contactor and Impulse relay choices of rating according to load type

26

## BJC1 AC contactor

30

Applicable scope	31
Operation and installation conditions	31
Contactor model	33
Contactor wiring	34
Accessory selection table	34
Product dimensions	36

## BCH8 Modular contactor

### ○ High degree of Electrical life

The BCH8 modular contactor has been tested to withstand 100,000 times full load switch ON or OFF under AC-a load Utilization category

### ○ Noiseless and hum free

The BCH8 contactor eliminates the obvious impact sound of the traditional contactor at the moment of pull-in, and eliminates contactor in the low-frequency hum noise of operating.

Applicable to most electric areas of commercial building . In particular, the modular contactor AC / DC series achieves free noise and creates a quiet environment for you

### ○ Energy Saving

The BCH8 contactor has an optimized electromagnetic system, which greatly reduces the holding power of contactor..

### ○ Compact design

The width of BCH8 contactors is much smaller than traditional AC Contactors, which saves users more installation space and can be conveniently installed in ordinary distribution boxes

### ○ Auxiliary function

The BCH8 contactor can be extended with auxiliary contacts on the right side of the product, which is more suitable for signal feedback requirements in an intelligent control environment



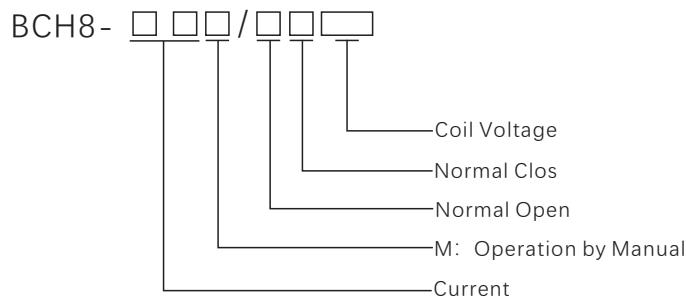
## BCH8 Modular contactor

### Applicable scope

The BCH8 modular contactor (hereinafter referred to as contactor) is mainly suitable for AC 50Hz (or 60Hz), rated working voltage to 400V and rated current operation in the circuit up to 100A, it can control the low-inductance and low-inductance load of household appliances and similar purposes; it can also be used to control the load of household motors. The power should be reduced accordingly.

The BCH8 contactors according to standard IEC/EN61095 , IEC60947-4-1and are used mainly in buildings for switching and controlling lighting, heating, ventilation and pumps. They are part of the complete range of Din rail products and can be integrated easily in dedicated panels.

### AC24~240V Modular contactor



(eg. BCH8-25/20 230V . It is 25A , 2NO ,230V AC current coil voltage)

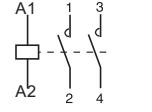
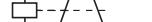
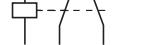
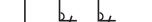
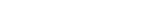


AC 1P,1modules

Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16/10	16A	6A	24	
BCH8-20/10	20A	7A	110	
BCH8-25/10	25A	9A	240	
BCH8-16/01	16A	6A	24	
BCH8-20/01	20A	7A	110	
BCH8-25/01	25A	9A	240	

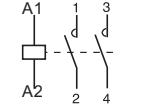
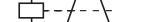
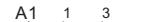
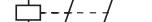
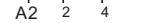
**AC 2P,1modules**



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16/20	16A	6A	24	
BCH8-20/20	20A	7A	110	
BCH8-25/20	25A	9A	240	
BCH8-16/11	16A	6A	24	
BCH8-20/11	20A	7A	110	
BCH8-25/11	25A	9A	240	
BCH8-16/02	16A	6A	24	
BCH8-20/02	20A	7A	110	
BCH8-25/02	25A	9A	240	

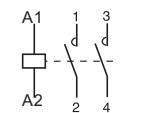
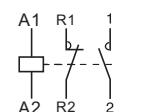
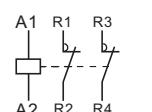
**AC 2P,2modules**



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-32/20	32A	12A	24	
BCH8-40/20	40A	18A	110	
BCH8-63/20	63A	25A	240	
BCH8-32/11	32A	12A	24	
BCH8-40/11	40A	18A	110	
BCH8-63/11	63A	25A	240	
BCH8-32/02	32A	12A	24	
BCH8-40/02	40A	18A	110	
BCH8-63/02	63A	25A	240	

**AC 2P,3modules**



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-1			
BCH8-100/20	100A		24 110 240	
BCH8-100/11	100A		24 110 240	
BCH8-100/02	100A		24 110 240	

## BCH8 Modular contactor

(AC) 3P,2modules



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16/30	16A	6A	24	
BCH8-20/30	20A	7A	110	
BCH8-25/30	25A	9A	240	
BCH8-16/03	16A	6A	24	
BCH8-20/03	20A	7A	110	
BCH8-25/03	25A	9A	240	

(AC) 3P,3modules



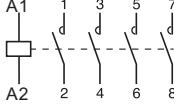
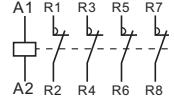
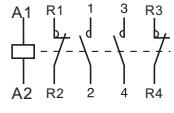
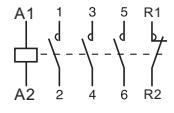
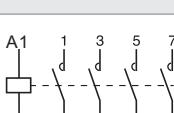
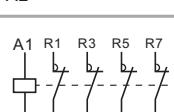
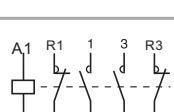
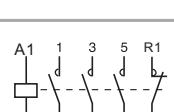
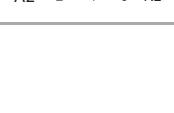
Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-32/30	32A	12A	24	
BCH8-40/30	40A	18A	110	
BCH8-63/30	63A	25A	240	
BCH8-32/03	32A	12A	24	
BCH8-40/03	40A	18A	110	
BCH8-63/03	63A	25A	240	

(AC) 4P,2modules

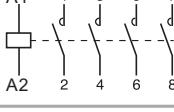
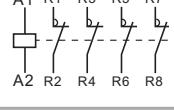
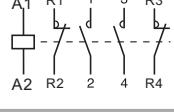
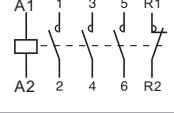


Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16/40	16A	6A	24	
BCH8-20/40	20A	7A	110	
BCH8-25/40	25A	9A	240	
BCH8-16/04	16A	6A	24	
BCH8-20/04	20A	7A	110	
BCH8-25/04	25A	9A	240	
BCH8-16/22	16A	6A	24	
BCH8-20/22	20A	7A	110	
BCH8-25/22	25A	9A	240	
BCH8-16/31	16A	6A	24	
BCH8-20/31	20A	7A	110	
BCH8-25/31	25A	9A	240	

AC 4P,3modules


Contactor Model	le Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-32/40	32A	12A	24	
BCH8-40/40	40A	18A	110	
BCH8-63/40	63A	25A	240	
BCH8-32/04	32A	12A	24	
BCH8-40/04	40A	18A	110	
BCH8-63/04	63A	25A	240	
BCH8-32/22	32A	12A	24	
BCH8-40/22	40A	18A	110	
BCH8-63/22	63A	25A	240	
BCH8-32/31	32A	12A	24	
BCH8-40/31	40A	18A	110	
BCH8-63/31	63A	25A	240	

AC 4P,6modules


Contactor Model	le Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-1			
BCH8-100/40	100A		24 110 240	
BCH8-100/04	100A		24 110 240	
BCH8-100/22	100A		24 110 240	
BCH8-100/31	100A		24 110 240	

## BCH8 Modular contactor

AC 1P,1modules



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16M/10	16A	6A	24	
BCH8-20M/10	20A	7A	110	
BCH8-25M/10	25A	9A	240	
BCH8-16M/01	16A	6A	24	
BCH8-20M/01	20A	7A	110	
BCH8-25M/01	25A	9A	240	

AC 2P,1modules



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16M/20	16A	6A	24	
BCH8-20M/20	20A	7A	110	
BCH8-25M/20	25A	9A	240	
BCH8-16M/11	16A	6A	24	
BCH8-20M/11	20A	7A	110	
BCH8-25M/11	25A	9A	240	
BCH8-16M/02	16A	6A	24	
BCH8-20M/02	20A	7A	110	
BCH8-25M/02	25A	9A	240	

AC 2P,2modules



Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-32M/20	32A	12A	24	
BCH8-40M/20	40A	18A	110	
BCH8-63M/20	63A	25A	240	
BCH8-32M/11	32A	12A	24	
BCH8-40M/11	40A	18A	110	
BCH8-63M/11	63A	25A	240	
BCH8-32M/02	32A	12A	24	
BCH8-40M/02	40A	18A	110	
BCH8-63M/02	63A	25A	240	

AC 3P,2modules


Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16M/30	16A	6A	24	
BCH8-20M/30	20A	7A	110	
BCH8-25M/30	25A	9A	240	
BCH8-16M/03	16A	6A	24	
BCH8-20M/03	20A	7A	110	
BCH8-25M/03	25A	9A	240	

AC 3P,3modules


Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-32M/30	32A	12A	24	
BCH8-40M/30	40A	18A	110	
BCH8-63M/30	63A	25A	240	
BCH8-32M/03	32A	12A	24	
BCH8-40M/03	40A	18A	110	
BCH8-63M/03	63A	25A	240	

AC 4P,2modules


Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-16M/40	16A	6A	24	
BCH8-20M/40	20A	7A	110	
BCH8-25M/40	25A	9A	240	
BCH8-16M/04	16A	6A	24	
BCH8-20M/04	20A	7A	110	
BCH8-25M/04	25A	9A	240	
BCH8-16M/22	16A	6A	24	
BCH8-20M/22	20A	7A	110	
BCH8-25M/22	25A	9A	240	
BCH8-16M/31	16A	6A	24	
BCH8-20M/31	20A	7A	110	
BCH8-25M/31	25A	9A	240	

## BCH8 Modular contactor



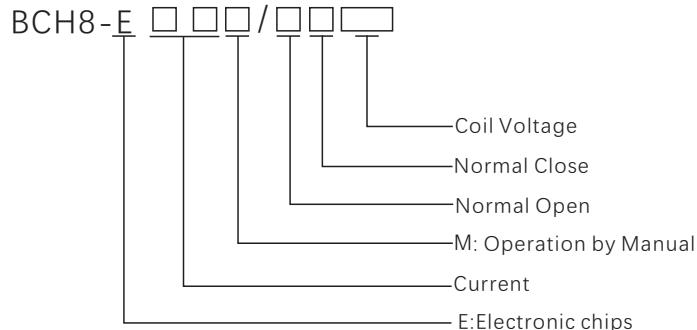
AC 4P,3modules

Contactor Model	Ie Rating		Uc (V AC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-32M/40	32A	12A	24	
BCH8-40M/40	40A	18A	110	
BCH8-63M/40	63A	25A	240	
BCH8-32M/04	32A	12A	24	
BCH8-40M/04	40A	18A	110	
BCH8-63M/04	63A	25A	240	
BCH8-32M/22	32A	12A	24	
BCH8-40M/22	40A	18A	110	
BCH8-63M/22	63A	25A	240	
BCH8-32M/31	32A	12A	24	
BCH8-40M/31	40A	18A	110	
BCH8-63M/31	63A	25A	240	

AC Modular contactor power consumption

Poles	Ie Rating		Uc (VAC)(50Hz)	Power consumption		Max Power
	AC-7a	AC-7b		Hold on	Pull in	
IP	16A	6A	230	2.99VA	11.5VA	1.2W
	20A	7A	230	2.99VA	11.5VA	1.2W
	25A	9A	230	2.99VA	11.5VA	1.2W
2P	16A	6A	230	2.99VA	11.5VA	1.2W
	20A	7A	230	2.99VA	11.5VA	1.2W
	25A	9A	24	3.05VA	11.5VA	1.3W
			230	2.99VA	11.5VA	1.2W
	32A	12A	230	4.37VA	31.05VA	1.6W
	40A	18A	230	4.37VA	31.05VA	1.6W
	63A	25A	230	4.37VA	31.05VA	1.6W
	100A	-	230	6.5VA	53VA	2.1W
3P	16A	6A	230	4.14VA	31.05VA	1.6W
	20A	7A	230	4.14VA	31.05VA	1.6W
	25A	9A	230	4.14VA	31.05VA	1.6W
	32A	12A	230	7.13VA	48.3VA	2.1W
	40A	18A	230	7.13VA	48.3VA	2.1W
	63A	25A	230	7.13VA	48.3VA	2.1W
4P	16A	6A	230	4.14VA	31.05VA	1.6W
	20A	7A	230	4.14VA	31.05VA	1.6W
	25A	9A	24	4.94VA	32.95VA	1.6W
			230	4.14VA	31.05VA	1.6W
	32A	12A	230	7.13VA	48.3VA	2.1W
	40A	18A	230	7.13VA	48.3VA	2.1W
	63A	25A	230	7.13VA	48.3VA	2.1W
	100A	-	230	13VA	106VA	4.2W

## DC12~24V Modular contactor

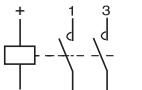
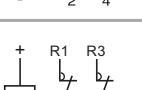
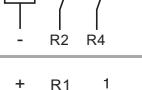
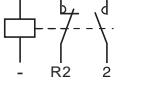
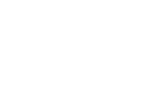


- Use in smart controls system
- Humming free

( eg.BCH8-E25/20 DC12V, It is 25A, 2NO, 12V DC current coil voltage with electronic chips )

**DC** **2P,2modules**



Contactor Model	Ie Rating		Uc (V DC)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E16/20	16A	6A	12	
BCH8-E20/20	20A	7A	24	
BCH8-E25/20	25A	9A	10-30	
BCH8-E16/02	16A	6A	12	
BCH8-E20/02	20A	7A	24	
BCH8-E25/02	25A	9A	10-30	
BCH8-E16/11	16A	6A	12	
BCH8-E20/11	20A	7A	24	
BCH8-E25/11	25A	9A	10-30	

## BCH8 Modular contactor



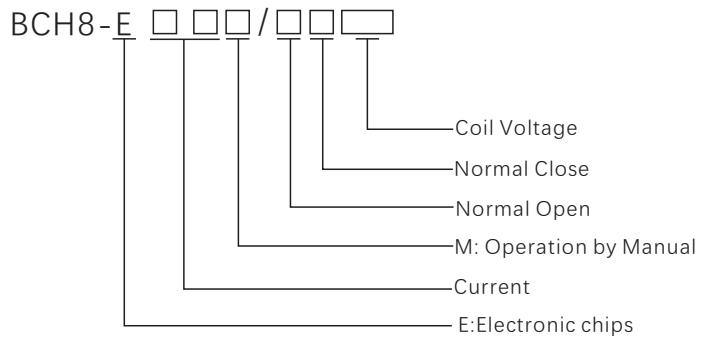
**DC** 2P,2modules

Contactor Model	Ie Rating		Uc (V DC)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E16M/20	16A	6A	12	
BCH8-E20M/20	20A	7A	24	
BCH8-E25M/20	25A	9A	10-30	
BCH8-E16M/02	16A	6A	12	
BCH8-E20M/02	20A	7A	24	
BCH8-E25M/02	25A	9A	10-30	
BCH8-E16M/11	16A	6A	12	
BCH8-E20M/11	20A	7A	24	
BCH8-E25M/11	25A	9A	10-30	

**DC** Modular Contactor DC power consumption

Poles	Ie Rating		Uc (V DC)	Power consumption	
	AC-7a	AC-7b		Hold on	Pull in
2P	16A	6A	12	0.43VA	6.73VA
			24	0.6VA	7VA
	20A	7A	12	0.43VA	6.73VA
			24	0.6VA	7VA
	25A	9A	12	0.43VA	6.73VA
			24	0.6VA	7VA

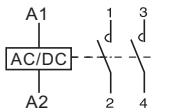
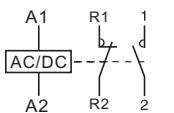
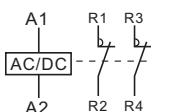
## AC/DC18~40V Modular contactor



(eg.BCH8-E25/20 AC230V, It is 25A, 2NO, 230V AC current coil voltage with electronic chips)



AC/DC   2P,2modules

Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E32/20	32A	12A	24	
BCH8-E40/20	40A	18A	36	
BCH8-E63/20	63A	25A	18-40	
BCH8-E32/11	32A	12A	24	
BCH8-E40/11	40A	18A	36	
BCH8-E63/11	63A	25A	18-40	
BCH8-E32/02	32A	12A	24	
BCH8-E40/02	40A	18A	36	
BCH8-E63/02	63A	25A	18-40	

## BCH8 Modular contactor



4P,2modules

Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E16/40	16A	6A	24	
BCH8-E20/40	20A	7A	36	
BCH8-E25/40	25A	9A	18-40	
BCH8-E16/04	16A	6A	24	
BCH8-E20/04	20A	7A	36	
BCH8-E25/04	25A	9A	18-40	
BCH8-E16/22	16A	6A	24	
BCH8-E20/22	20A	7A	36	
BCH8-E25/22	25A	9A	18-40	
BCH8-E16/31	16A	6A	24	
BCH8-E20/31	20A	7A	36	
BCH8-E25/31	25A	9A	18-40	

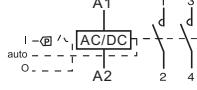
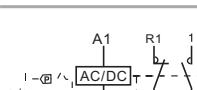
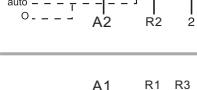
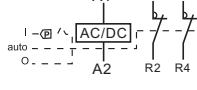
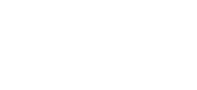


4P,3modules

Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E32/40	32A	12A	24	
BCH8-E40/40	40A	18A	36	
BCH8-E63/40	63A	25A	18-40	
BCH8-E32/04	32A	12A	24	
BCH8-E40/04	40A	18A	36	
BCH8-E63/04	63A	25A	18-40	
BCH8-E32/22	32A	12A	24	
BCH8-E40/22	40A	18A	36	
BCH8-E63/22	63A	25A	18-40	
BCH8-E32/31	32A	12A	24	
BCH8-E40/31	40A	18A	36	
BCH8-E63/31	63A	25A	18-40	

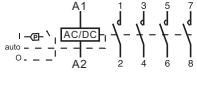
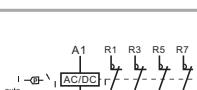
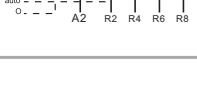
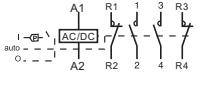
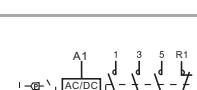
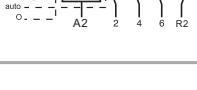
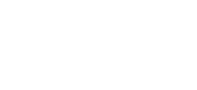
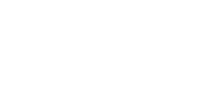
 2P,2modules



Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E32M/20	32A	12A	24	
BCH8-E40M/20	40A	18A	36	
BCH8-E63M/20	63A	25A	18-40	
BCH8-E32M/11	32A	12A	24	
BCH8-E40M/11	40A	18A	36	
BCH8-E63M/11	63A	25A	18-40	
BCH8-E32M/02	32A	12A	24	
BCH8-E40M/02	40A	18A	36	
BCH8-E63M/02	63A	25A	18-40	

 4P,2modules



Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E16M/40	16A	6A	24	
BCH8-E20M/40	20A	7A	36	
BCH8-E25M/40	25A	9A	18-40	
BCH8-E16M/04	16A	6A	24	
BCH8-E20M/04	20A	7A	36	
BCH8-E25M/04	25A	9A	18-40	
BCH8-E16M/22	16A	6A	24	
BCH8-E20M/22	20A	7A	36	
BCH8-E25M/22	25A	9A	18-40	
BCH8-E16M/31	16A	6A	24	
BCH8-E20M/31	20A	7A	36	
BCH8-E25M/31	25A	9A	18-40	

## BCH8 Modular contactor



**AC/DC** **4P,3modules**

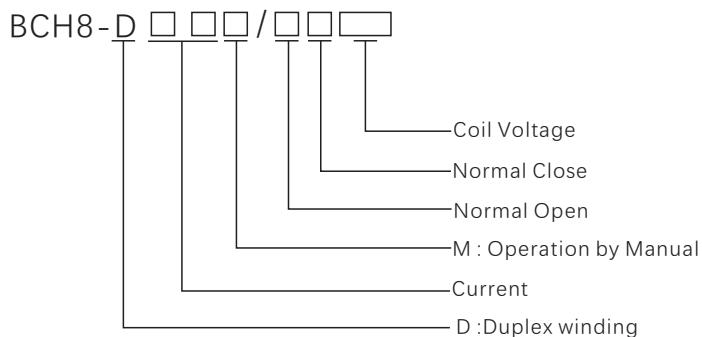
Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-E32M/40	32A	12A	24	
BCH8-E40M/40	40A	18A	36	
BCH8-E63M/40	63A	25A	18-40	
BCH8-E32M/04	32A	12A	24	
BCH8-E40M/04	40A	18A	36	
BCH8-E63M/04	63A	25A	18-40	
BCH8-E32M/22	32A	12A	24	
BCH8-E40M/22	40A	18A	36	
BCH8-E63M/22	63A	25A	18-40	
BCH8-E32M/31	32A	12A	24	
BCH8-E40M/31	40A	18A	36	
BCH8-E63M/31	63A	25A	18-40	



Modular Contactor AC/DC power consumption

Poles	Ie Rating		Uc (V AC/DC)(50Hz)	Power consumption	
	AC-7a	AC-7b		Hold on	Pull in
2P	32A	12A	24	0.91VA	36.72VA
	40A	18A	24	0.91VA	36.72VA
	63A	25A	24	0.91VA	36.72VA
4P	16A	6A	24	0.91VA	36.72VA
	20A	7A	24	0.91VA	36.72VA
	25A	9A	24	0.91VA	36.72VA
	32A	12A	24	1.22VA	58.44VA
	40A	18A	24	1.22VA	58.44VA
	63A	25A	24	1.22VA	58.44VA

## AC/DC 230V Modular contactor (Duplex Winding)



(eg. BCH8-D25/20 230V, It is 25A , 2NO ,230V AC current coil voltage with Duplex winding)



4P,3modules

Contactor Model	Ie Rating		Uc (V AC/DC)(50Hz)	Circuit Diagram
	AC-7a	AC-7b		
BCH8-D32/40	32A	12A	230	
BCH8-D40/40	40A	18A	230	
BCH8-D63/40	63A	25A	230	
BCH8-D32/04	32A	12A	230	
BCH8-D40/04	40A	18A	230	
BCH8-D63/04	63A	25A	230	
BCH8-D32/22	32A	12A	230	
BCH8-D40/22	40A	18A	230	
BCH8-D63/22	63A	25A	230	
BCH8-D32/31	32A	12A	230	
BCH8-D40/31	40A	18A	230	
BCH8-D63/31	63A	25A	230	



Modular Contactor duplex winding power consumption

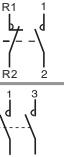
Poles	Ie Rating		Uc (V AC/DC)(50Hz)	Power consumption	
	AC-7a	AC-7b		Hold on	Pull in
4P	32A	12A	230	2.76VA	81.42VA
	40A	18A		2.76VA	81.42VA
	63A	25A		2.76VA	81.42VA

# BCH8 Modular contactor

## Modular contactor auxiliary

### Auxiliary Contacts

The Auxiliary contacts are indicator contactor contacts status switch OFF or ON

	AC-12		AC-15		DC-13		Rated Current	Circuit Diagram
	C.V.	C.A.	C.V.	C.A.	C.V.	C.A.		
BCH8-AUC11	240V	5A	230V	2A	DC 130V	1A	5A	
BCH8-AUC20	240V	5A	230V	2A	DC 130V	1A	5A	



### Spacing piece

Spacers are used to reduce the temperature rise of devices mounted side by side. It is recommended to separate electronic equipment (temperature adjustment devices, programmable timer etc.) from electromechanical equipment (impulse relays, contactors)

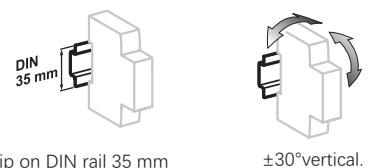
	Technical specifications
Spacing piece	(9mm Multiples)



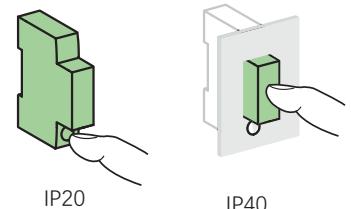
## Main parameter and technical performance

Power circuit		
Voltage rating(Ue)	1P,2P 3P,4P	250V AC 400V AC
Frequency		50/60Hz
Endurance(O-C)		1,000,000 cycles
Electrical		100,000 cycles
Maximum number of switching operation a day		100
Insulation voltage(Ui)		500 V AC
Pollution degree		2
Rated impulse withstand voltage(Uimp)		2.5kV(4kV for 12/24/48VAC)
Degree of protection (IEC 60529)	Device only Device in modular enclosure	IP20 IP40
Operating temperature		-5°C ~ +60°C
Storage temperature		-40°C ~ +70°C
Tropicalization(IEC 60068.1)		Treatment 2 (relative humidity 95% at 55°C)
ELSV compliance(Extra Low Safety Voltage)for 12/24/48vac versions		
The product control conforms to the SELV(safety extra low voltage)requirements		

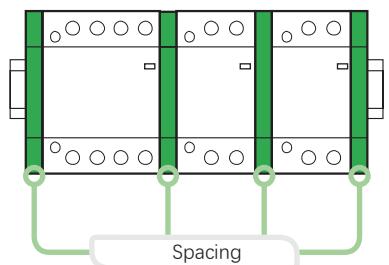
(1)In the case of contactor mounting in a enclosure for which the interior temperature is in range between 50 °C and 60 °C,it is necessary to use a spacer, between each contactor



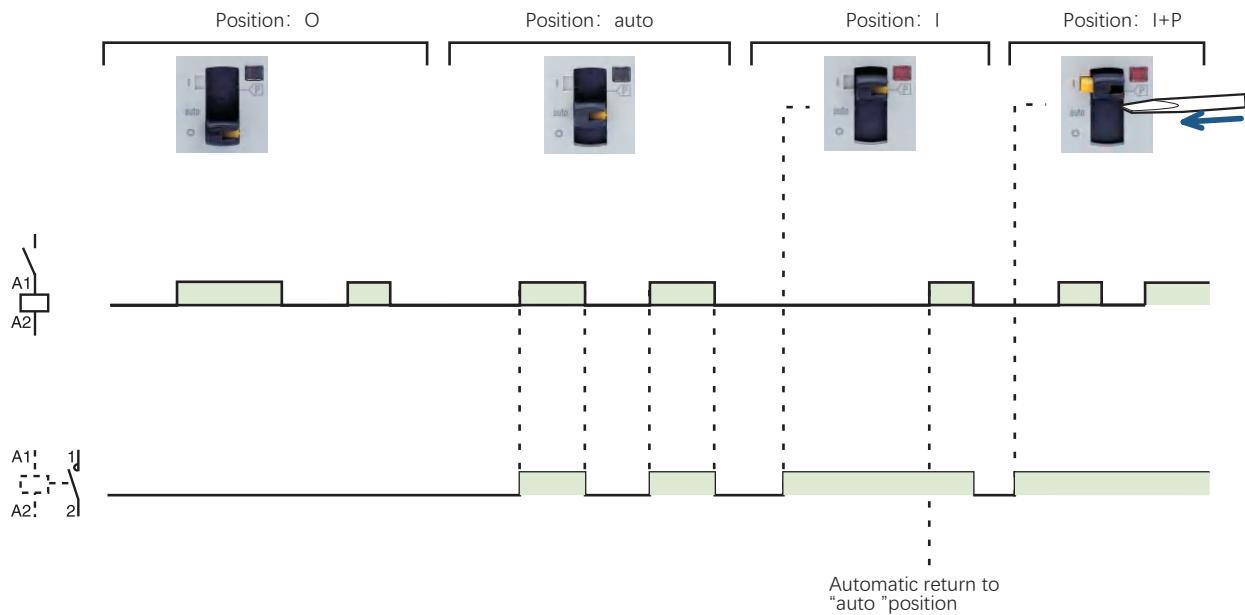
Clip on DIN rail 35 mm      ±30°vertical.



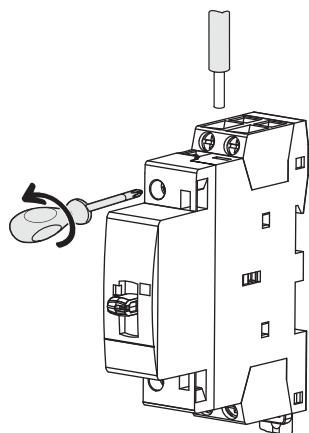
IP20      IP40



## Operation(Manual control contactor)



## Connection parameter



Type		Rating	Lenght tripping	Circuit	Tightening torque	Copper cables	
						Rigid	Flexible or ferrule
BCH8	PZ1:4mm	16-100A 16and25A	9mm	Control	0.8N.m	1.5~2.5mm <sup>2</sup> 2×1.5mm <sup>2</sup>	1.5~2.5mm <sup>2</sup> 2×2.5mm <sup>2</sup>
	PZ2:6mm	40A-63A 100A	14mm	Power	3.5N.m	6~25mm <sup>2</sup> 6×3.5mm <sup>2</sup>	6~16mm <sup>2</sup> 6~35mm <sup>2</sup>
	BACTs	PZ1:4mm	-	9mm	-	0.8N.m	1.5~2.5mm <sup>2</sup> 2×1.5mm <sup>2</sup>

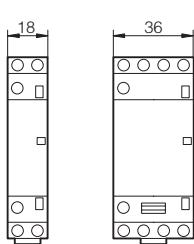
## BCH8 Modular contactor

### Packing information

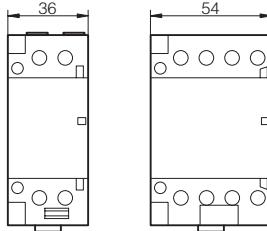
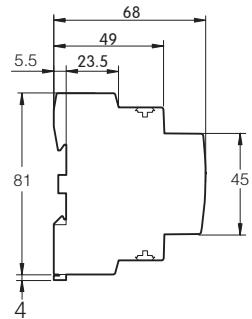
Poles	Rated Current (A)	BOX QTY	CTN QTY	Automatic Contactor		Manual Contactor		CARTON SIZE (mm)
				G.W.(kg)	N.W.(kg)	G.W.(kg)	N.W.(kg)	
AC 1P	16	12	120	15.4	13.8	15.4	13.8	500×260×190
	20	12	120	15.52	13.92	15.52	13.92	500×260×190
	25	12	120	15.52	13.92	15.52	13.92	500×260×190
AC 2P	16	12	120	15.4	13.8	15.4	13.8	500×260×190
	20	12	120	15.52	13.92	15.52	13.92	500×260×190
	25	12	120	15.52	13.92	15.52	13.92	500×260×190
	32	6	60	15.04	13.44	15.04	13.44	500×260×190
	40	6	60	15.04	13.44	15.04	13.44	500×260×190
	63	6	60	15.1	13.5	15.1	13.5	500×260×190
	100	4	40	14.08	12.48	-	-	500×260×190
AC 3P	16	6	60	13.9	12.3	13.9	12.3	500×260×190
	20	6	60	13.9	12.3	13.9	12.3	500×260×190
	25	6	60	13.9	12.3	13.9	12.3	500×260×190
	32	4	40	14.76	13.16	14.76	13.16	500×260×190
	40	4	40	14.76	13.16	14.76	13.16	500×260×190
	63	4	40	14.76	13.16	14.76	13.16	500×260×190
AC 4P	16	6	60	13.9	12.3	13.9	12.3	500×260×190
	20	6	60	13.9	12.3	13.9	12.3	500×260×190
	25	6	60	13.9	12.3	13.9	12.3	500×260×190
	32	4	40	14.76	13.16	14.76	13.16	500×260×190
	40	4	40	14.76	13.16	14.76	13.16	500×260×190
	63	4	40	14.76	13.16	14.76	13.16	500×260×190
	100	2	30	20.2	18.6	-	-	500×260×190
DC 2P	16	12	120	15.52	13.92	15.52	13.92	500×260×190
	20	12	120	15.52	13.92	15.52	13.92	500×260×190
	25	12	120	15.52	13.92	15.52	13.92	500×260×190
AC/DC 2P	32	6	60	15.19	13.59	15.19	13.59	500×260×190
	40	6	60	15.19	13.59	15.19	13.59	500×260×190
	63	6	60	15.19	13.59	15.19	13.59	500×260×190
AC/DC 4P	16	6	60	14.05	12.45	14.05	12.45	500×260×190
	20	6	60	14.05	12.45	14.05	12.45	500×260×190
	25	6	60	14.05	12.45	14.05	12.45	500×260×190
	32	4	40	14.86	13.26	14.86	13.26	500×260×190
	40	4	40	14.86	13.26	14.86	13.26	500×260×190
	63	4	40	14.86	13.26	14.86	13.26	500×260×190
AC/DC 4P (Duplex Winding)	32	4	40	15.2	13.6	15.2	13.6	500×260×190
	40	4	40	15.2	13.6	15.2	13.6	500×260×190
	63	4	40	15.2	13.6	15.2	13.6	500×260×190

Type	BOX QTY	CTN QTY	G.W.(kg)	N.W.(kg)	CARTON SIZE (mm)
Auxiliary Contacts	12	120	5.56	3.96	500×260×190
Spacing piece	24	360	6.38	5.18	455×230×240

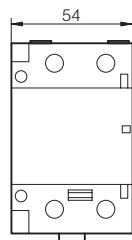
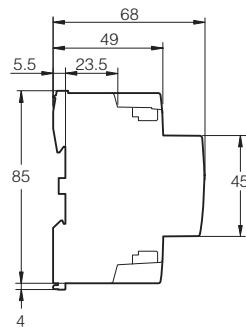
### Product dimensions ( mm)



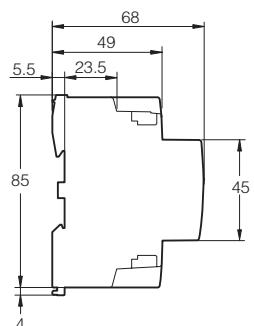
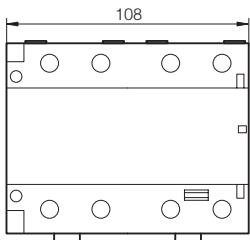
BCH8-16/20/25A



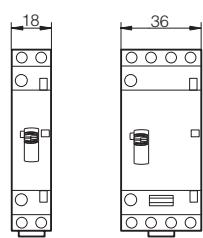
BCH8 32/40/63A



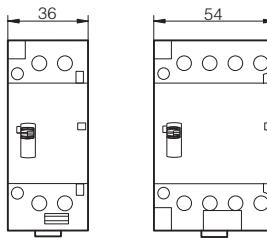
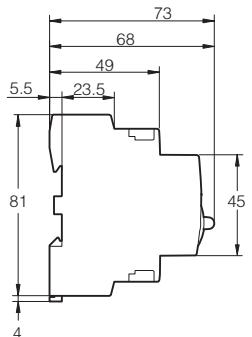
BCH8 100A



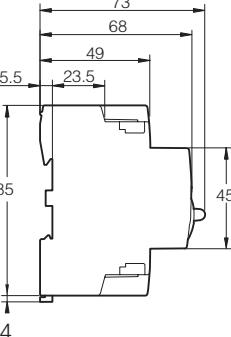
BACTs



BCH8 Manual Contactor16/20/25A



BCH8 Manual Contactor 32/40/63A



### BIR Impulse relay

- **Reliable Quality**

Continue operation 10000 times action reliable and accurately respond to commands

- **Hum Free**

Reduce the Pull-in noise

- **Hide the clamp holder**

The concealed lamp had patented make an auxiliary that is more flexible and easy to mounting, which not only improves the aesthetics of the product, but also increases the strength of the device

- **Class H high temperature resistant enameled wire**

Automatic winding process to ensure reliable opening and closing of the coil

- **Easy Operation**

Through O-I shift to priority manual control directly. The handle position as mechanical indicator



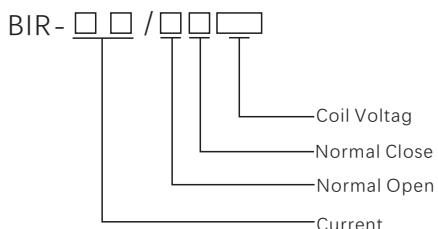
## Applicable scope

BIR series impulse relay coils are triggered by impulses and the contacts are closed. The product has two stable mechanical positions, and the contacts will open temporarily with the next impulse. Each received impulse will reverse the position of the contact and can be controlled by an unlimited number of buttons. And has the characteristics of zero power consumption.

Impulse relay can be used to control the lighting circuit through the button. The circuit consists of incandescent lamps, halogen lamps, etc. (resistive load); fluorescent lamps, discharge lamps, etc. (inductive load).

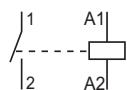
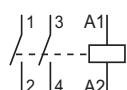
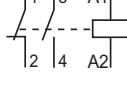
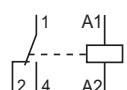
Conform to standard: IEC/EN 60669-2-1, IEC/EN 60669-2-2

## Type and Meaning



(eg.BIR-16/10 DC12V, It is16A, 1NO, 12V DC current coil voltage)

## Product specification

		AC	2P, 1modules			
		Contactor Model	Ie Rating	Uc (V)(50Hz)	Circuit Diagram	
		BIR-16/10	16A			
		BIR-16/20	16A	AC24V/DC12V AC48V/DC24V		
		BIR-16/11	16A	AC110V/DC48V AC230V/DC110V		
		BIR-16/1C	16A			

## BIR Impulse Relays

AC 3P,2modules



Contactor Model	Rated Current	控制电压 (V AC)(50Hz)	Circuit Diagram
BIR-16/30	16A	AC24V/DC12V AC48V/DC24V	<pre> graph LR     1A1 --- 3     2A2 --- 4     3 --- 5     4 --- 6     5 --- 1     6 --- 2     </pre>
BIR-16/21	16A	AC110V/DC48V AC230V/DC110V	<pre> graph LR     1 --- 3     2 --- 4     3 --- A1     4 --- A2     A1 --- 5     A2 --- 6     5 --- 1     6 --- 2     </pre>

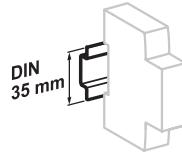
AC 4P,2modules



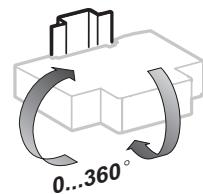
Contactor Model	Rated Current	Control Voltage (V)(50Hz)	Circuit Diagram
BIR-16/40	16A		<pre> graph LR     1 --- 3     2 --- 4     3 --- A1     4 --- A2     A1 --- 5     A2 --- 6     5 --- 7     6 --- 8     7 --- 1     8 --- 2     </pre>
BIR-16/31	16A	AC24V/DC12V AC48V/DC24V	<pre> graph LR     1 --- 3     2 --- 4     3 --- A1     4 --- A2     A1 --- 5     A2 --- 6     5 --- 7     6 --- 8     7 --- 1     8 --- 2     </pre>
BIR-16/22	16A	AC110V/DC48V	<pre> graph LR     1 --- 3     2 --- 4     3 --- A1     4 --- A2     A1 --- 5     A2 --- 6     5 --- 7     6 --- 8     7 --- 1     8 --- 2     </pre>
BIR-16/2C	16A	AC230V/DC110V	<pre> graph LR     1 --- A1     2 --- A2     A1 --- 5     A2 --- 6     5 --- 1     6 --- 2     </pre>

## Main parameter and technical performance

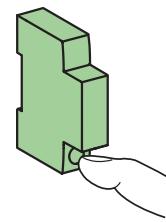
Control circuit	
Dissipated power (during the impulse)	19 VA
Illuminated PB control	Max. current 3 mA (if > use an ATLz)
Operating threshold	Min. 85 % of Un
Duration of the control order	50 ms to 1 s (200 ms recommended)
Response time	50ms
Power circuit	
Voltage rating(Ue)	1P,2P
Frequenc	50/60Hz
Maximum number of operations per minute	5
Maximum number of switching operation a day	100
Endurance	200,000 cycles (AC21) 100,000 cycles (AC22)
Overvoltage category	IV
Insulation voltage(Ui)	440 V AC
Pollution degree	3
Rated impulse withstand voltage(Uimp)	6kV
Degree of protection (IEC 60529)	Device only Device in modular
Operating temperature	-5°C ~ +60°C
Storage temperature	-40°C ~ +70°C
Tropicalization(IEC 60068.1)	Treatment 2 (relative humidity 95 % at 55°C)



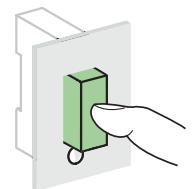
Clip on DIN rail 35 mm.



Indifferent position of installation.

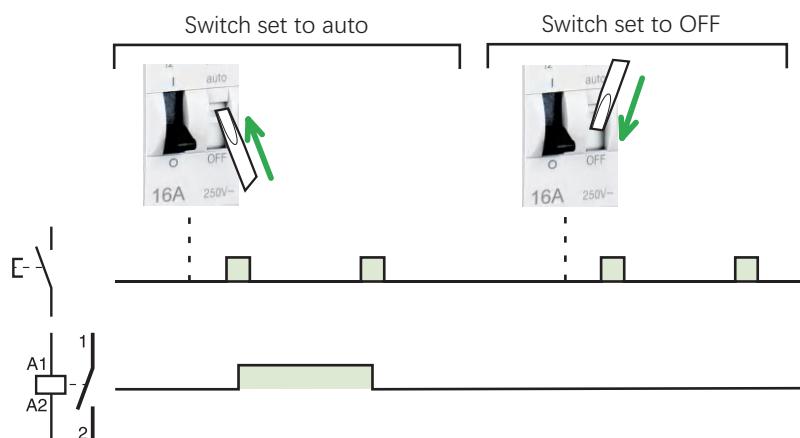


IP20



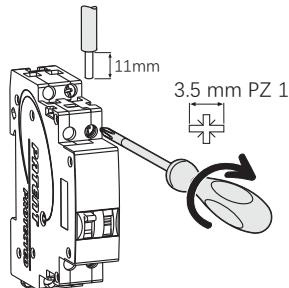
IP40

## Operation(Impluse relay)



## BIR Impulse Relays

### Impulse relay connection and auxiliary

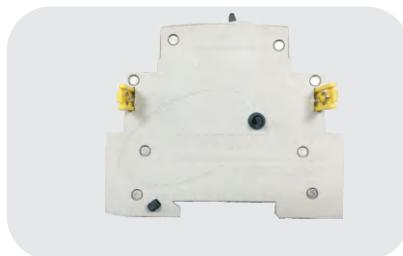


Type	Rating	Circuit	Tightening torque	Copper cables	
				Rigid or ferrule	Flexible or ferrule
BIR	16A	Control Power	1N.m	0.5~4mm <sup>2</sup> 1.5~4mm <sup>2</sup>	1~4mm <sup>2</sup> 1.5~4mm <sup>2</sup>
	Yellow clips		Spacer		
Function	Ensure the mechanical and/or electrical link between impulse relays and their auxiliaries		Required to reduce temperature rise of modular devices installed side by side Recommended to separate electronic devices (thermostat, programmable clock, etc.) from electromechanical devices (relays, contactors).		
Technical specifications	-		9mm Multiples		

### Impulse relay multi-pole connection description



Connection ring 1 piece ,  
Connection lever 1 piece ,  
Connection block 1 Piece  
Hide Clamp holder 2 pieces



Put Connection ring , connection lever, connection block and hide clamp holder in slot



Make the impulse relay interface to be connected

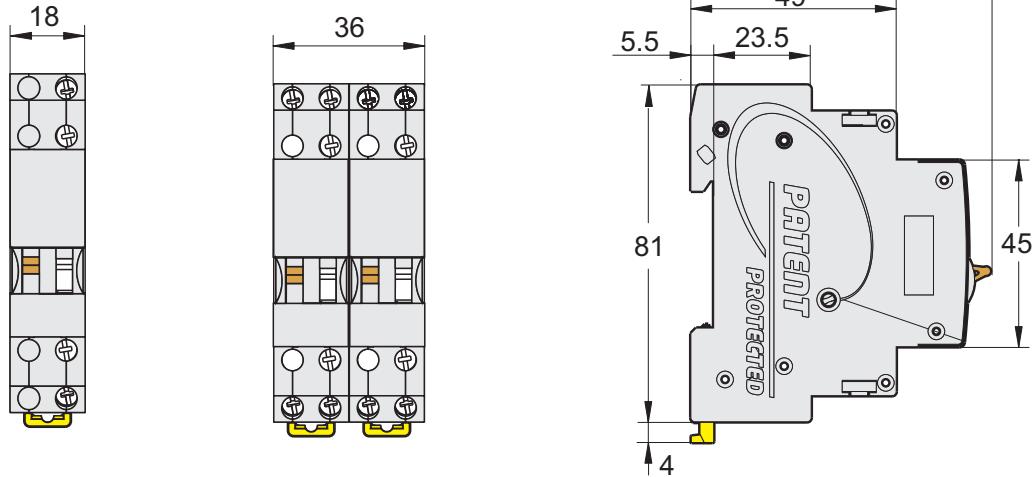


Make press ensure connection solid

## Packing information

Type	BOX QTY	CTN QTY	G.W. (kg)	N.W. (kg)	CARTON SIZE (mm)
BIR-16/10	12	120	13	11.4	440×300×200
BIR-16/20	12	120	13.96	12.36	440×300×200
BIR-16/11	12	120	13.84	12.24	440×300×200
BIR-16/1C	12	120	13.36	11.76	440×300×200
BIR-16/30	6	60	13.66	12.06	440×300×200
BIR-16/21	6	60	13.6	12	440×300×200
BIR-16/40	6	60	14.2	12.6	440×300×200
BIR-16/31	6	60	13.9	12.3	440×300×200
BIR-16/22	6	60	13.9	12.3	440×300×200
BIR-16/2C	6	60	13.42	11.82	440×300×200

## Product dimensions (mm)



# Modular contactor and Impulse relay

## Choice of rating according to load type

Modular contactors and impulse relays do not use the same technologies. Their rating is determined according to different standards and does not correspond to the rated current of the circuit. For example, for a given rating, an impulse relay is more efficient than a modular contactor for the control of light fittings with a strong inrush current, or with a low power factor (non-compensated inductive circuit)

Choice table

Products		BIR Impulse relays		BCH8 Modularcontactors		
Type of lamp	Unit power and capacitance of power factor correction capacitor	Maximum number of light fittings for a single-phase circuit and maximum power output 16 A		16 A	25 A	40 A
<b>Basic incandescent lamps, LV halogen lamps, replacement mercury vapour lamps (without ballast)</b>						
	40 W	40	1500 W	38	1550 W	115
	60 W	25	to	30	to	4600 W
	75 W	20	1600 W	25	2000 W	85 to
	100 W	16		19	2850 W	5250 W
	150 W	10		12	18	50
	200 W	8		10	14	35
	300 W	5	1500 W	7	2100 W	26
	500 W	3		4	3000 W	18
	1000 W	1		2	6	5500 W
	1500 W	1		1	3	10 to
<b>ELV 12 or 24 V halogen lamps</b>						
With ferromagnetic transformer	20 W	70	1350 W	15	300 W	42
	50 W	28	to	10	to	850 W
	75 W	19	1450 W	8	600 W	27 to
	100 W	14		6	900 W	23 1950 W
With electronic transformer	20 W	60	1200 W	62	1250 W	182
	50 W	25	to	25	to	3650 W
	75 W	18	1400 W	20	1600 W	76 to
	100 W	14		16	2250 W	53 4200 W
<b>Fluorescent tubes with starter and ferromagnetic ballast</b>						
1 tube without compensation <sup>(1)</sup>	15W	83	1250 W	22	330 W	70
	18 W	70	to	22	to	1050 W
	20 W	62	1300 W	22	850 W	70 to
	36 W	35		20	1200 W	70 2400 W
	40 W	31		13	28	60
	58 W	21		13	17	60
	65 W	20		13	17	35
	80 W	16		10	15	35
	115 W	11		7	10	30
1 tube without with parallel compensation <sup>(2)</sup>	15 W	5 µF	60 900 W	15	200 W	40
	18 W	5 µF	50	15	to	600 W
	20 W	5 µF	45	15	800 W	40 to
	36 W	5 µF	25	15	20	2400 W
	40 W	5 µF	22	15	20	40
	58 W	7 µF	16	10	15	40
	65 W	7 µF	13	10	15	30
	80 W	7 µF	11	10	15	30
	115 W	16 µF	7	5	7	30
2 or 4tube with series compensation	2 x 18 W	56	2000 W	30	1100 W	46
	4 x 18 W	28		16	to	1650 W
	2 x 36 W	28		16	1500 W	44 to
	2 x 58 W	17		10	2400 W	44 3800 W
	2 x 65 W	15		10	16	27
	2 x 80 W	12		9	13	27
	2 x 115W	8		6	10	22
						16

### Relay rating

- The table below shows the maximum number of light fittings for each relay, according to the type, power and configuration of a given lamp. As an indication, the total acceptable power is also mentioned.
  - These values are given for a 230 V circuit with 2 active conductors (single-phase phase/neutral or two-phase phase/phase). For 110 V circuits, divide the values in the table by 2.
  - To obtain the equivalent values for the entire 230 V three-phase circuit, multiply the number of lamps and the maximum power output:
  - by (1.73) for circuits with 230 V between phases without neutral;
  - by for circuits with 230 V between phase and neutral or 400 V between phases.
- Note: The power ratings of the lamps most commonly used are shown in bold. For powers not mentioned, use a proportional rule with the nearest values.

### Choice table (cont.)

Products	BIR Impulse relays			BCH8 Modular contactors					
Type of lamp	Unit power and capacitance of power factor correction capacitor	Maximum number of light fittings for a single-phase circuit and maximum power		16 A	16 A	25 A	40 A		
<b>Fluorescent tubes with electronic ballast</b>									
1 or 2 tubes	18 W	80	1450 W	74	1300 W	111	2000 W		
	36 W	40	to	38	to	58	to		
	58 W	26	1550 W	25	1400 W	37	2200 W		
	2 x 18 W	40		36		55			
	2 x 36 W	20		20		30			
	2 x 58 W	13		12		19			
<b>Compact fluorescent lamps</b>									
With external electronic ballast	5 W	240	1200 W	210	1050 W	330	1650 W		
	7 W	171	to	150	to	222	to		
	9 W	138	1450 W	122	1300 W	194	2000 W		
	11 W	118		104		163			
	18 W	77		66		105			
	26 W	55		50		76			
With integral electronic ballast (replacement for incandescent lamps)	5 W	170	850 W	160	800 W	230	1650 W		
	7 W	121	to	114	to	164	to		
	9 W	100	1050 W	94	900 W	133	1300 W		
	11 W	86		78		109			
	18 W	55		48		69			
	26 W	40		34		50			
<b>High-pressure mercury vapour lamps with ferromagnetic ballast without ignitor</b>									
Replacement high-pressure sodium vapour lamps with ferromagnetic ballast with integral ignitor (3))									
Without compensation (1)	50W	Not tested, infrequent use			15	750 W	20	1000 W	
	80W				10	to	15	to	
	125 / 110 W <sup>(3)</sup>				8	1000 W	10	1600 W	
	250 / 220 W <sup>(3)</sup>				4		6		
	400 / 350 W <sup>(3)</sup>				2		4		
	700 W				1		2		
With parallel compensation (2)	50W	7 µF	Not tested, infrequent use			10	500 W	15	750 W
	80W	8 µF				9	to	13	to
	125 / 110 W <sup>(3)</sup>	10 µF				9	1400 W	10	1600 W
	250 / 220 W <sup>(3)</sup>	18 µF				4		6	
	400 / 350 W <sup>(3)</sup>	25 µF				3		4	
	700 W	40 µF				2		2	
	1000 W	60 µF				0		1	
<b>Low-pressure sodium vapour lamps with ferromagnetic ballast with external ignitor</b>									
Without compensation (1)	35W	Not tested, infrequent use			5	270 W	9	320 W	
	55 W				5	to	9	to	
	90 W				3	360 W	6	720 W	
	135 W				2		4		
	180 W				2		4		
With parallel compensation (2)	35W	20 µF	38	1350 W	102	3600 W	3	100 W	
	55 W	20 µF	24		63		3	to	
	90 W	26 µF	15		40		2	180 W	
	135 W	40 µF	10		26		1		
	180 W	45 µF	7		18		1		

# Modular contactor and Impulse relay

## Choice of rating according to load type

Products		BIR Impulse relays		BCH8 Modular contactors					
Type of lamp	Unit power and capacitance of power factor correction capacitor	Maximum number of light fittings for a single-phase circuit and maximum power output per circuit							
<b>High-pressure sodium vapour lamps</b>									
Metal-iodide lamps	16 A	16 A	25 A	40 A					
<b>With ferromagnetic ballast with external ignitor, without compensation (1)</b>									
35 W		Not tested, infrequent use	16	600 W	24	850 W	42	1450 W	
70 W			8		12	to	20	to	
150 W			4		7	1200 W	13	2000 W	
250 W			2		4		8		
400 W			1		3		5		
1000 W			0		1		2		
<b>With ferromagnetic ballast with external ignitor and parallel compensation (2)</b>									
35 W	6 $\mu$ F	34	1200 W	12	450 W	18	650 W	31	1100 W
70 W	12 $\mu$ F	17	to	6	to	9	to	16	to
150 W	20 $\mu$ F	8	1350 W	4	1000 W	6	2000 W	10	4000 W
250 W	32 $\mu$ F	5		3		4		7	
400 W	45 $\mu$ F	3		2		3		5	
1000 W	60 $\mu$ F	1		1		2		3	
2000 W	85 $\mu$ F	0		0		1		2	
<b>With electronic ballast</b>									
35 W		38	1350 W	24	850 W	38	1350 W	68	2400 W
70 W		29	to	18	to	29	to	51	to
150 W		14	2200 W	9	1350 W	14	2200 W	26	4000 W
<b>LED lamps</b>									
<b>With driver</b>		90	1000 W	48	500 W	69	700 W	98	1000 W
10 W		45	to	38	to	54	to	77	to
30 W		36	1800 W	27	1400 W	39	1950 W	56	3000 W
50 W				17		25		36	
75 W				9		12		18	
150 W				7		9		15	
200 W									

(1) Circuits with non-compensated ferromagnetic ballasts consume twice as much current for a given lamp power output. This explains the small number of lamps in this configuration.

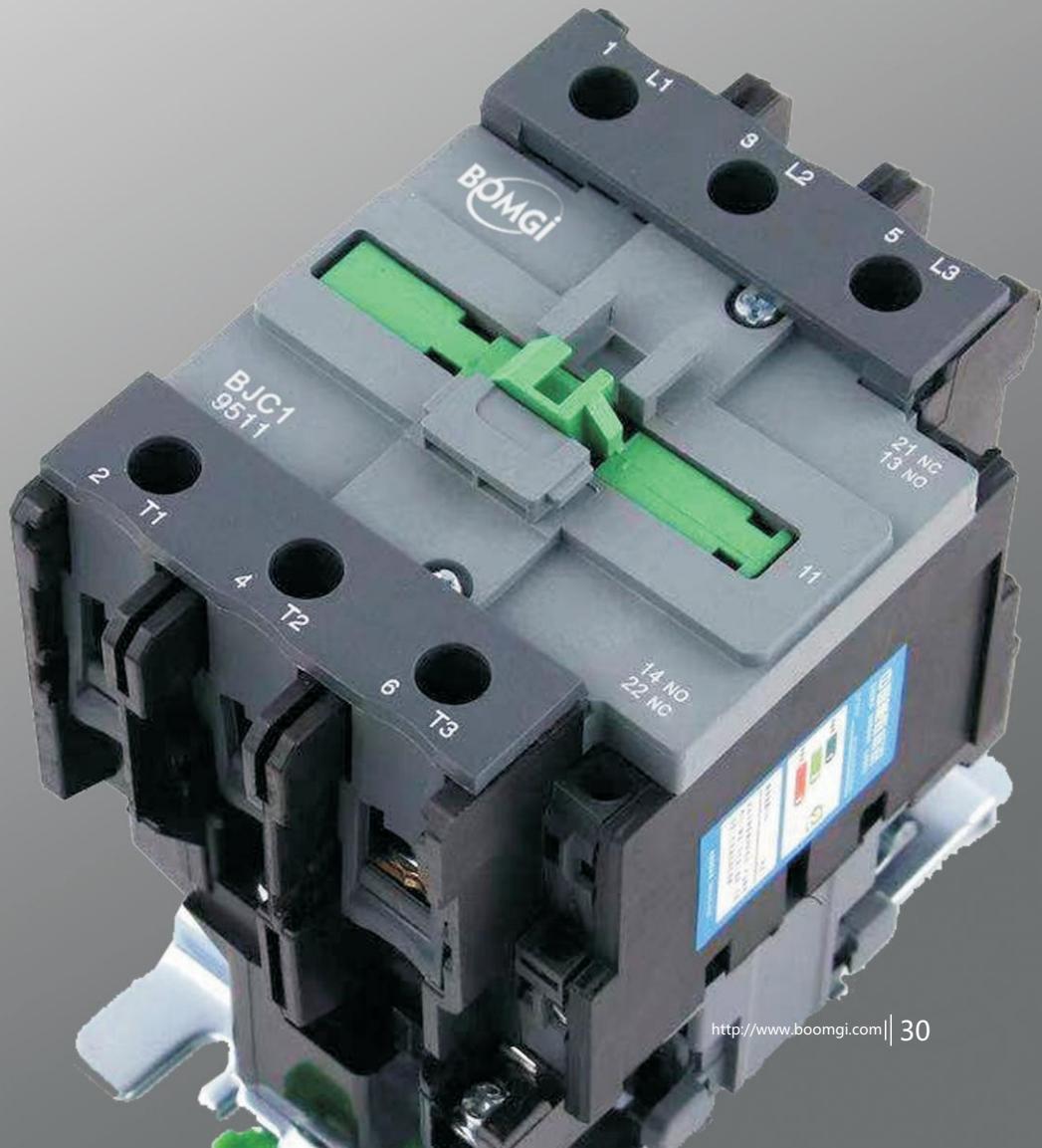
(2) The total capacitance of the power factor correction capacitors in parallel in a circuit limits the number of lamps that can be controlled by a contactor. The total downstream capacitance of a modular contactor of rating 16, 25, 40 or 63 A should not exceed 75, 100, 200 or 300  $\mu$ F respectively. Allow for these limits to calculate the maximum acceptable number of lamps if the capacitance values are different from those in the table.

(3) High-pressure mercury vapour lamps without ignitor, of power 125, 250 and 400 W, are gradually being replaced by high-pressure sodium vapour lamps with integral ignitor, and respective power of 110, 220 and 350 W.



### **BJC1 AC Contactor**

- AC Conactor built-in 1NO+1NC auxiliary that reduce your stock cost.
- AC Contactor free tools mounting in the Din rail
- High quality of AC Contactor contacts are using 85% silver point .



## BJC1 AC contactor



### Applicable scope

The new BJC1 AC Contactors feature a novel appearance and a compact structure. They are mainly used for frequent starts and control of AC motors as well as remote circuit making /breaking. They can also be combined with appropriate thermal overload relays to form electromagnetic starters.

Compliant standards: IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1.

### Operation and installation conditions

Type	Operation and installation conditions
Installation class	III
Pollution degree	3
Compliant standards	IEC/EN 60947-1, IEC/EN 60947-4-1, IEC/EN 60947-5-1
Certification mark	CE
Enclosure protection degree	BJC1-06~32: IP20; BJC1-40~95: IP10;
Ambient temperature	Operation temperature limits: -35°C ~ +70°C Normal operation temperature range: -5°C ~ +40°C. The 24-hour average temperature should not exceed +35°C. For use beyond the normal operation temperature range.
Altitude	Not exceeding 2000 m above sea level
Atmospheric conditions	The relative humidity should not exceed 50% at the upper temperature limit of +70°C. A higher relative humidity is allowed at a lower temperature, e.g. 90% at +20°C. Special precautions should be taken against occasional condensation due to humidity variations.
Installation conditions	The angle between the installation surface and the vertical surface should not exceed ±5°.





## BJC1 AC Contactor

### Contactor wiring

Contactor wiring				BJC1-09~12	BJC1-18~25	BJC1-32~40	BJC1-50~65	BJC1-80~95
Main circuit connection	Cable connection (mm <sup>2</sup> )	Prefabricated flexible wire	1	1~4	1.5~6	1.5~10	6~25	10~35
		Hard wire	2	1~2.5	1.5~4	1.5~6	4~10	6~16
	Size of fastening screw			M3.5	M3.5	M4	M8	M8
	Tightening torque (N·m)			0.8	0.8	1.2	6	6
	Cable connection (mm <sup>2</sup> )	Prefabricated flexible wire	1			1~4		
		Hard wire	2			1~2.5		
Cable circuit connection	Size of fastening screw					1~4		
	Tightening torque (N·m)					1~4		
							M3.5	

### Accessory selection table

#### Dust cove

Contactor	Optional accessory
BJC1-09~18	BJC-1 dust cover
BJC1-25~32	BJC-2 dust cover
BJC1-40~65	BJC-3 dust cover
BJC1-80~95	BJC-4 dust cover





### Air delay head

N meaning :power on time delay  
 F meaning: Power off time delay

Contactor	Optional accessory	Accessory model	Contact combination	Delay range (s)
BJC full series	La2 air delay head	LA2-NO	1NO+1NC	0.1~3
		LA2-N2	1NO+1NC	0.1~30
		LA2-N4	1NO+1NC	10~180
		LA2-FO	1NO+1NC	0.1~3
		LA2-F2	1NO+1NC	0.1~30
		LA2-F4	1NO+1NC	10~180



### Auxiliary contact

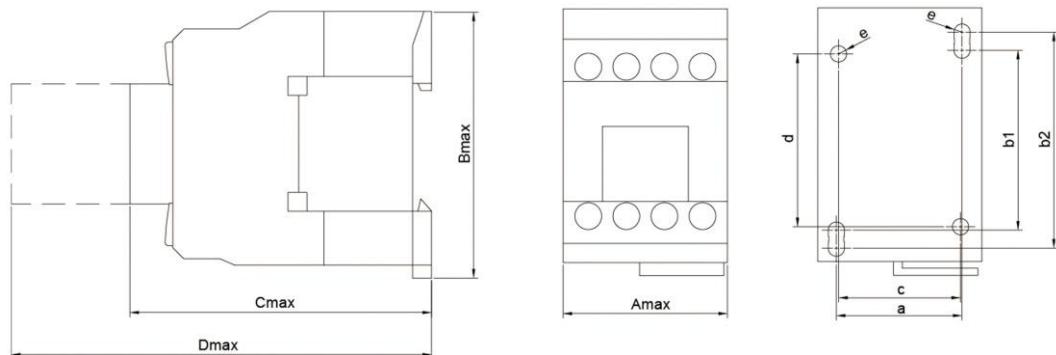
Contactor	Optional accessory	Accessory model	Contact combination
BJC1-09~95	F4 top-mounted	F411	1NO+1NC
		F402	2NC
		F420	2NO
		F422	2NO+2NC
		F413	1NO+3NC
		F431	3NO+1NC
		F440	4NO
		F404	4NC

\*Built-in 1NO and 1NC auxiliary contacts

## BJC1 AC Contactor

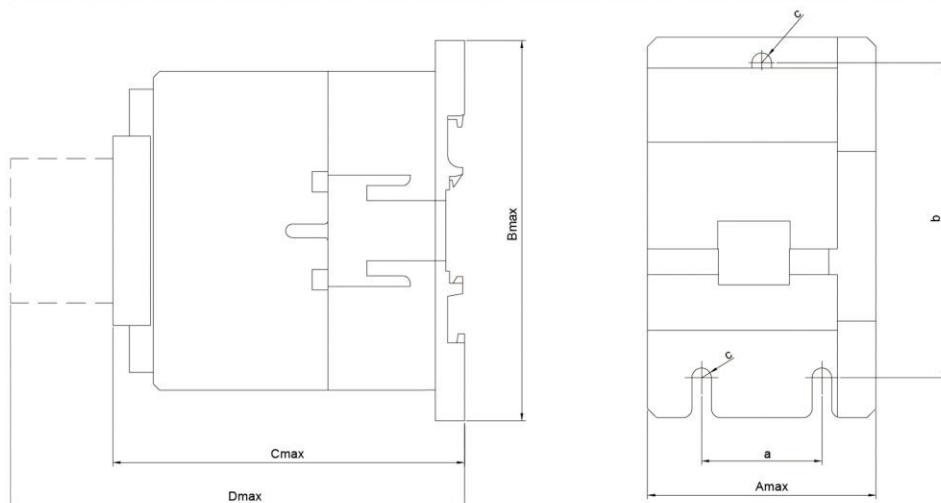
### Product dimensions (mm)

**BJC1-09~32**



Contactor model	Amax	Bmax	Cmax	Dmax	a	b1/b2	c	d	e
BJC1-09~18	45	75	85	117	35	50/60	34	48	Ø 5
BJC1-25~32	45	85	92	124	35	50/60	34	48	Ø 5

**BJC1-40~95**



Contactor model	Amax	Bmax	Cmax	Dmax	a	b	c
BJC1-40~65	77	127	117	151	40	100/110	Ø 6.5
BJC1-80~95	86	127	125	160	40	100/110	Ø 6.5



---

YUEQING BOOMGI ELECTRIC Co.,Ltd.

ADD. Floor 5. Factory building No.3 Dianhou village ,Liushi Town ,Yueqing City ,ZHEJIANG,CHINA

Post Code 325604

Tel:0086-577-62660276

Fax: 0086-577-62660275

E-mail:[Austin@boomgi.com](mailto:Austin@boomgi.com)

Website:[www.boomgi.com](http://www.boomgi.com)