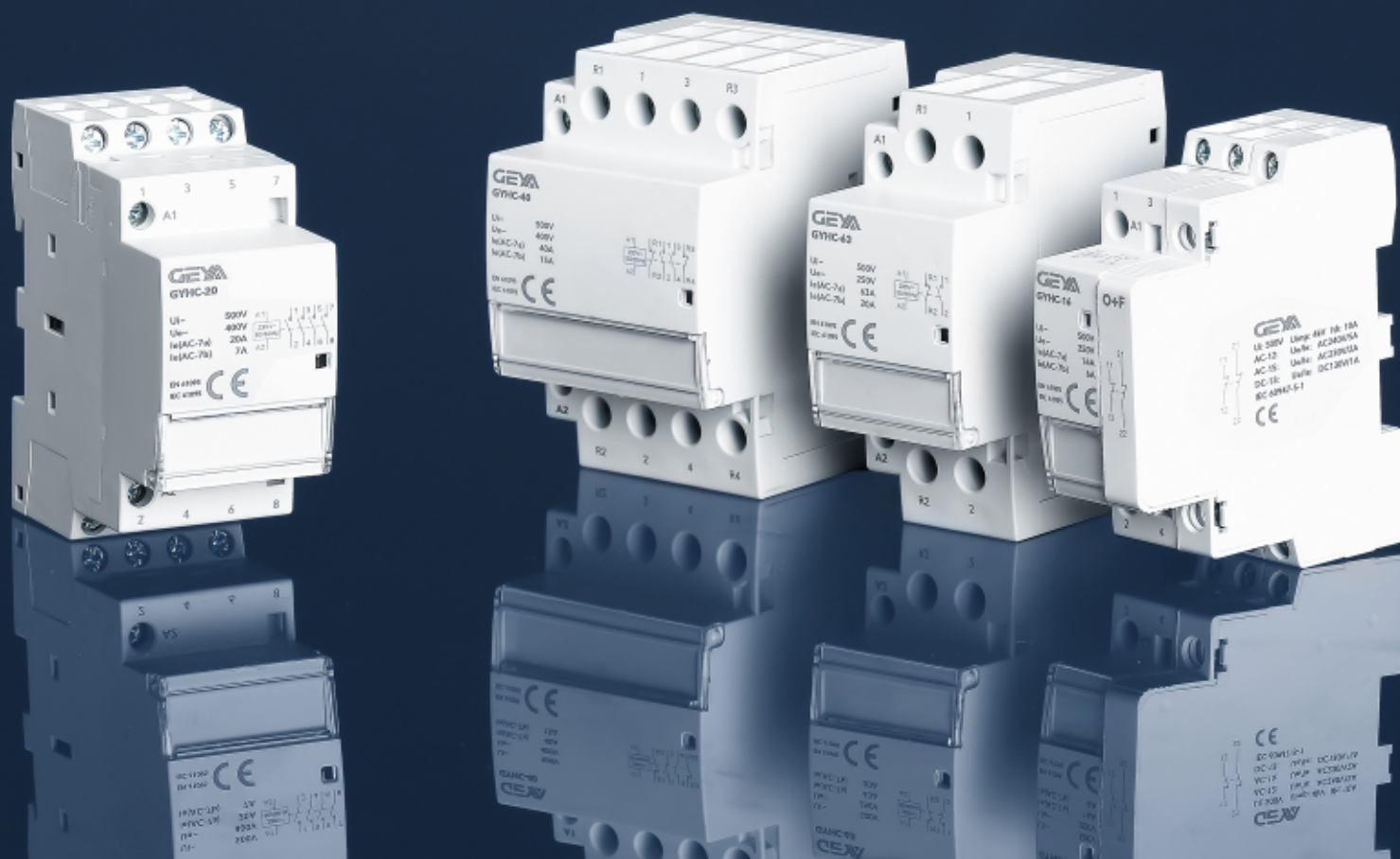


GYHC系列

模数化接触器

GYHC SERIES MODULAR CONTACTOR



电气寿命

10⁺
万次

机械寿命

1200⁺
万次



低功耗

GYHC系列模数化接触器优化电磁系统,极大降低接触器吸持功率,改善传统接触器能耗高的问题。

Low power consumption

The GYHC series modular contactor optimizes the electromagnetic system, greatly reducing the holding power of the contactor, and completely solving the problem of high energy consumption of traditional contactors.



低噪音

GYHC系列模数化接触器全新设计,提升产品可靠性,60%生产过程采用自动化,全程关键工序自动化监控,从设计和制程上消除传统接触器在工作中遇到的噪音问题。

Low noise

GYHC series modular contactor adopts a new design to improve product reliability. 60% of the production process is automated, and key processes throughout the process are monitored automatically. Eliminate the noise problems encountered in the operation of traditional contactors from the design and manufacturing process.



超长寿命

电气寿命大于 100000 次

机械寿命大于 12000000 次

Super long life

Electrical life greater than 100,000 times

Mechanical life is more than 12,000,000 times

专业设计

专业的功能分析、公差分析、仿真分析,保证产品设计的合理性和可靠性和一致性。

PROFESSIONAL DESIGN

Professional function analysis, tolerance analysis and simulation analysis ensure the rationality, reliability and consistency of product design.

尖端设备

60%自动化生产线,关键工序自动化生产,全程监测。

CUTTING-EDGE EQUIPMENT

60% automated production line, key processes automated production, full process monitoring.

3D设计&仿真分析

3D打印、仿真分析、公差分析等先进技术全面用于产品研发

3D Design & Simulation Analysis

Advanced technologies such as 3D design, 3D printing, tolerance analysis and simulation analysis are used for product development

型号规格丰富

2个使用类别,4款控制电压,6段电流规格,11种触头型式,满足不同细分市场的需求

Rich model specifications

The KCH8 series modular contactors have 2 use categories, 4 control voltages, 6-segment current specifications and 11 contact types to meet the needs of different market segments

透明翻盖设计

全新透明翻盖设计,便于客户标识

Transparent flip cover design

Transparent flip cover design New transparent flip cover design for easy customer identification

高端选材&RoHS标准

定制塑料,品牌银点,高端工艺,环保安全符合RoHS

Finest material selection & Standard

Custom plastic, brand silver point, elite craft, RoHS compliant

可视化窗口

指示窗口,可指示接触器通断状态,让产品动作一目了然

Visualization window

The instruction window can indicate the on-off state of the contactor, make product action clear at a glance

激光打标

激光打标,永不脱落

Laser marking

Laser marking, never fall off





产品概述 Product Overview

GYHC系列模块化交流接触器采用全新技术平台，应用自动化生产及检测设备，打造超静音长寿命的高端接触器。

The GYHC series modular contactor uses a new technology platform and apply automated production and testing equipment to create advanced ultra-quiet and long-life contactors.

● GYHC接触器可用于远程控制:

- 照明, 加热, 通风, 卷吊, 公共热水
- 机械通风系统等
- 低感微感负载环境

● GYHC contactor can be used for remote control:

- Lighting, heating, ventilation, rolling curtains, public hot water
- Mechanical ventilation system, etc
- Low inductive micro-inductive load environment

产品命名规则 Product Naming Rules

GYHC	8	—	16	10	AC230	Z
1	2		3	4	5	6

1 模块化交流接触器 Modularization AC Contactor

2 设计序号 Design Serial Number

3 额定电流 Rated Current
16A/20A/25A/32A/40A/63A

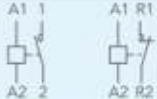
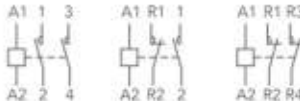
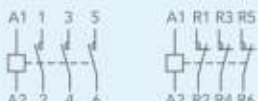
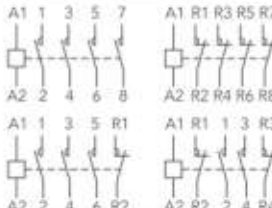
4 触头型式 Contactor Type
1P 10:1NO/01:1NC
2P 20:2NO/11:1NO+1NC/02:2NC
3P 30:3NO/03:3NC
4P 40:4NO/31:3NO+1NC/22:2NO+2NC/04:4NC

5 线圈电压 Control Voltage
AC24V/AC48V/AC110V/AC230V/DC12V/DC24V

6 直流操作 DC Control Circuit

技术参数 Technical Parameters

GYHC接觸器-50/60Hz
GYHC Contact-50/80Hz

类型 Type	额定电流(In) Rated current	控制电压(V) Control voltage (V)	触点 Contact	宽度 (9mm的倍数) Multiple Of The Width Of The Module
	AC-7a	AC-7b		
1P 	16A 20A 25A	6A 7A 9A	AC(50/60Hz): 24V/48V/110V/230V DC:12V/24V	1NO 1NC 2
2P 	16A 20A 25A 32A 40A 63A	6A 7A 9A 12A 15A 20A	AC(50/60Hz): 24V/48V/110V/230V DC:12V/24V	2NO 2NC 1NO1NC 2 4
3P 	16A 20A 25A 32A 40A 63A	6A 7A 9A 12A 15A 20A	AC(50/60Hz): 24V/48V/110V/230V DC:12V/24V	3NO 3NC 4 6
4P 	16A 20A 25A 32A 40A 63A	6A 7A 9A 12A 15A 20A	AC(50/60Hz): 24V/48V/110V/230V DC:12V/24V	4NO 4NC 2NO2NC 3NO1NC 4 6

接线
Wiring

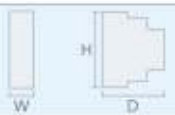
类型 Type			额定电流(In) Rated current	剥线长度 Wire stripping Length	电路 Circuit	扭矩 Torque	铜线 Copper wire	
							硬线 Hard wire	软线或箔线端子 Soft wire or hoop wire terminal
								
	GYHC	PZ1:4mm	16-63A	9mm	控制回路 Control circuit	1.2N·m	1.5~2.5mm:2×1.5mm ²	1.5~2.5mm:2×1.5mm ²
			16-25A		动力回路 Power circuit		1.5~6mm ²	1.5~4mm ²
		PZ2:6mm	40-63A	14mm	3.5N·m	6~25mm ²	6~16mm ²	
	AS	PZ1:4mm	—	9mm	—	1.2N·m	1.5~2.5mm:2×1.5mm ²	1.5~2.5mm:2×1.5mm ²

技术参数 Technical Parameters

主电路特性 Main Circuit Characteristics						
	额定电压(Ue) Rated operational voltage(Ue)		1P/2P	250V AC		
			3P/4P	400V AC		
	频率 Frequency			50Hz		
寿命(O-C) Durability						
	电气寿命 Electrical durability			100000次		
	每天最大开关操作次数 Maximu number of switching operation a day			100次		
附加特性 Additional Characteristic						
	绝缘电压(Ui) Rated insulation voltage (Ui)			500V AC		
	污染等级 Pollution class			2		
	额定冲击耐受电压(Uimp) Rated impulse withstand voltage (Uimp)			4kV		
	防护等级(IEC/EN 60529) Protection Grade(IEC/EN 60529)	接触器本体 Contactor only		IP20		
		安装在配电箱内 Contactor in modular enclosure		IP40		
	工作温度 Operating temperature			-5°C~+60°C ⁽¹⁾		
	存储温度 Storage Temperature			-40°C~+70°C		
	抗湿热性(IEC/EN 60068-1) Tropicalization(IEC/EN 60068-1)			2类(温度55°C时,相对湿度为95%) Treatment 2 (relative humidity 95% at 55°C)		
	认证 Certification			CCC/CE		
	ELSV(超低安全电压)符合12/24/48V AC 版本 ELSV compliance (extra low safety voltage) for 12/24/48V AC versions					
	产品控制符合SELV(超低安全电压)的要求 The product control conforms to the SELV(safety extra low voltage)requirments					
	(1)当接触器安装在配电箱内时,其两侧必须拼装间隔件,以利于散热。 (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.					
功耗 Power Consumption						
	额定电流(In) Rated current		控制电压(V AC)(50/60Hz) Control voltage (V AC)(50/60Hz)	功耗 Power consumption		最大功率 Max. Power
	AC-7a	AC-7b		保持 Holding	吸合 Actuation	
1P	25A	9A	230...240	2.7VA	9.2VA	1.2W
2P	16A	6A	230...240	2.7VA	9.2VA	1.2W
	20A	7A	230...240	2.7VA	9.2VA	1.2W
	25A	9A	24	3.8VA	15VA	1.3W
			230...240	2.7VA	9.2VA	1.2W
			230...240	2.7VA	9.2VA	1.2W

技术参数 Technical Parameters

功耗 Power Consumption						
	额定电流(In) Rated Current		控制电压(V AC)(50/60Hz) Control voltage (V AC)(50/60Hz)	功耗 Power Consumption		最大功率 Max. Power
	AC-7a	AC-7b		保持 Holding	吸合 Actuation	
2P	32A	12A	220...240	4.6VA	34VA	1.6W
	40A	15A	220...240	4.6VA	34VA	1.6W
	63A	20A	220...240	4.6VA	34VA	1.6W
3P	16A	6A	220...240	4.6VA	34VA	1.6W
	20A	7A	220...240	4.6VA	34VA	1.6W
	25A	9A	220...240	4.6VA	34VA	1.6W
	32A	12A	220...240	6.5VA	53VA	2.1W
	40A	15A	220...240	6.5VA	53VA	2.1W
	63A	20A	220...240	6.5VA	53VA	2.1W
4P	16A	6A	220...240	4.6VA	34VA	1.6W
	20A	7A	220...240	4.6VA	34VA	1.6W
	25A	9A	24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
			24	4.6VA	34VA	1.6W
			220...240	4.6VA	34VA	1.6W
	32A	12A	220...240	6.5VA	53VA	2.1W
	40A	15A	220...240	6.5VA	53VA	2.1W
	63A	20A	220...240	6.5VA	53VA	2.1W

外形尺寸 Dimensions		GYHC-16A/20A/25A		GYHC-32A/40A/63A	
		2P	4P	2P	4P
	W(mm)	18	36	36	54
	D(mm)	68	68	68	68
	H(mm)	81	81	85	85

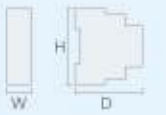
附件 Accessories



O+F

此附件用于指示接触器主触点“开”或“关”的状态。
This attachment is used to indicate the "on" or "off" state of the contactor's main contact.

外形尺寸
Dimensions

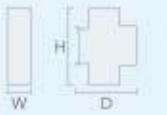
	W(mm)	9
	D(mm)	68
	H(mm)	81



GYHC-G

用于安装于接触器两侧，利于接触器散热。
It is used to install on both sides of the contactor, which is good for the heat dissipation of the contactor.

外形尺寸
Dimensions

	W(mm)	9
	D(mm)	68
	H(mm)	85

接触器选型表 Contactor Selection Table

产品名称 Product Name	额定电流 Current Specification	主触头触点 Main contact	控制电压 Coil Frequency	订货编码 Reference
GYHC	16	10	AC230	GYHC81610AC230
	16:16A 20:20A 25:25A 32:32A 40:40A 63:63A	10:1NO 01:1NC 20:2NO 02:2NC 11:1NO1NC 30:3NO 03:3NC 31:3NO1NC 22:2NO2NC 40:4NO 04:4NC	AC230V AC110V AC48V AC24V DC24V DC12V	