LUXSOLAR

AC contactor

Solutions Catalogue

SCAN FOR CATALOG 08

For the content contained in this manual, Gandian Lightning Protection has the final right to interpret. For more detailed information, please inquire; our company's technical engineers will serve you wholeheartedly. Because of the continuous innovation of product technology, please refer to the actual product or the manual; Subject to change without notice.

Use environmentally friendly materials

+36 30 122 4862 INFO@LUXSOLAR.HU WWW.LUXSOLAR.HU LUXSOLAR MAGYARORSZÁG KFT.

ISO CQC CE CB RoHS TÜV Rheinland

GA&DA

www.luxsolar.hu

GA&DA

Gandianfanglei

Better life, better electricity

不辜负每一份电力，让电尽其所能

VIZIOTÓL A KIVITELEZÉSIG | FROM VISION TO EXECUTION

GANDIAN LANGYONG

有品质才有市场，有改进才有进步，有创新才有发展

坚守专业与责任，做行业的领跑者

Stick to professionalism and responsibility and be the leader of the industry

ISO | CQC | CE | CB | RoHS

LUXSOLAR

Gandian Lightning Protection Electric Co., Ltd. is a modern high-tech enterprise dedicated to the design, research and development, production, sales and service of lightning safety protection equipment. The company is located in the economic and technological development zone of Jiujiang City, the only international trade port city in Jiangxi Province.The total plant construction area is 39,960 square meters, the factory covers an area of 29970.16 square meters, and there are more than 200 employees.

Through continuous reform and innovation, the company develops its own brand, showing a new look of internationalization, modernization and informationization. Break through high-end industries with focus, upgrade traditional industries with automation, actively build automated electrical equipment bases, gather a team of highly skilled experts, strengthen the simultaneous development of advanced equipment industry and modern service industry, have a variety of fully functional product performance testing laboratories, 8/20us 150kA compatible with 10/350us 25kA simulated lightning laboratory, 10/350us 120kA simulated lightning laboratory, 1.2/50us combined wave generator, 1.2/50us voltage generator, gap, discharge tube detector, thermal stability test System, lightning online monitoring system, intelligent lightning protection detection system, SPD backup protector power frequency current test, lightning non-trip current test system and a series of advanced detection equipment, to ensure the stability and innovation of our products!

Independently develop a number of advanced production and processing automatic assembly lines, which integrate automatic glue filling,
Independently develop a number of advanced production and processing automatic assembly lines, which integrate automatic glue filling, automatic soldering, automatic laminating, pad printing, laser marking, automatic detection and uploading of data, automatic sealing and packaging and other automatic equipment to ensure each product Consistency, fully guarantee efficient production and high-quality management, with unified planning of logistics, production, life and other service facilities, and strive to build a first-class intelligent production industrial base with international competitiveness.

The company took the lead in passing ISO9001 quality system certification, ISO14001 environmental management system certification, OHSAS18001 occupational health and safety management system, CQC certification, European Community CE certification, TUV Rheinland certification, CB certification, Rohs certification, and established a system from software and hardware. A strict quality management system can meet the various needs of new and old customers with the fastest speed, the best products, and the best services; sales points are set up throughout the country, and the sales scope radiates to all provinces in China, Southeast Asia, South America, and Europe , Africa and many other places, the service scope is all over the country, and the high-quality products and good service have won the favor of the majority of customers.

The main products are power surge protector series, smart lightning protection series, smart surge protector series, smart lightning pro-
The main products are power surge protector series, smart lightning protection series, smart surge protector series, smart lightning protection box series, signal lightning protection series, fuses, circuit breakers, photovoltaic connectors, transfer switches, photovoltaic cables Wait. The products are mainly used in the construction of urban and rural power grids, urban infrastructure construction, factory construction stages, major domestic and foreign oil fields, petrochemical companies, shipbuilding industry, offshore oil drilling platforms, military power construction, photovoltaic power generation, wind power generation, coal, petroleum , Chemical, industrial and mining, hospitals, airports and other fields.

The company adheres to the corporate culture of "integrity first, happiness in the world, sharing and win-win", adheres to the spirit of "pragmatism, hard work, and dedication", and has the dream of "revitalizing national industry and assuming social morality". With the principle of trust, persist in realizing the new situation of "sustainable development, cooperative innovation", with the attitude of "professional, dedicated, rigorous, and eager to learn", always practice the glorious mission of "based on Rael Dunwei and build a world brand together" .

LUXSOLAR
WWW.LUXSOLAR.HU
GA&DA

Staff living area

The staff living area has 4360 square meters, 42 single rooms, 28 suites, supporting internal canteen, fitness area, outdoor activity area

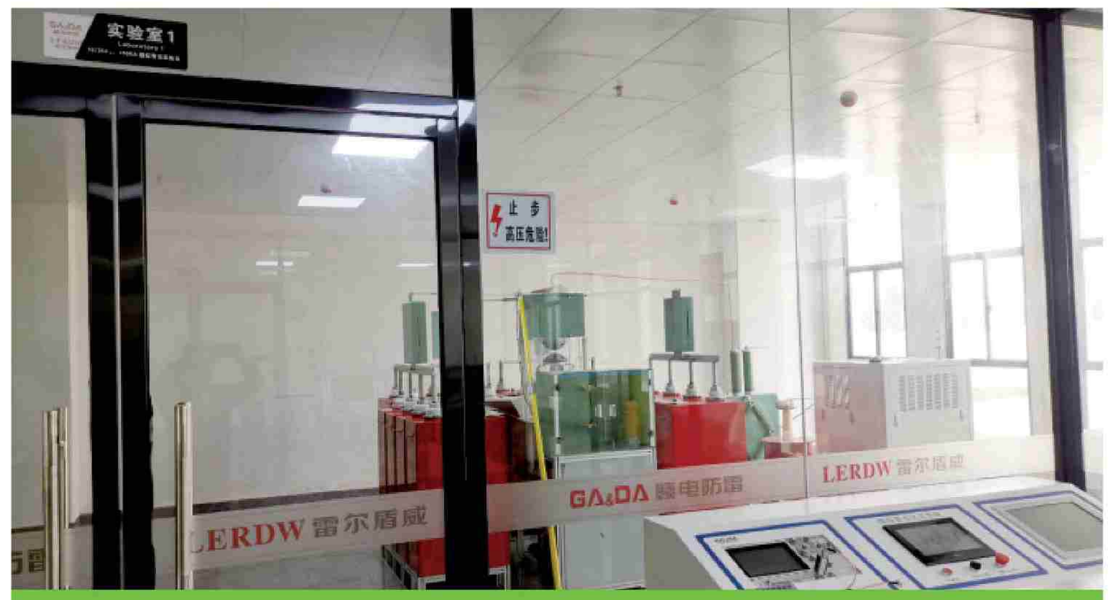
Stamping and injection molding area

The stamping and injection molding area has 6800 square meters, 30 injection molding machines, 7 45T stamping machines, 5 35T stamping — achines, 8 25 stamping machines, and the remaining 18 stamping machines of each tonnage

Comprehensive production area

The comprehensive production area has 8,100 square meters, dozens of production lines for various products , a simulation laboratory for lightning strikes, and various lightning protection products test instruments, etc.

实验设备 Laboratory And Testing


Lab 1


Lab 2


Lab 3


R&D Center No. 1


R&D Center No. 2


Glow Wire Tester

SPD thermal stability test system


Programmable salt spray test machine


Simulated lightning test platform


Coupling and decoupling online cabinet


1.2/50μs combined wave generator


Programmable constant temperature and humidity test chamber

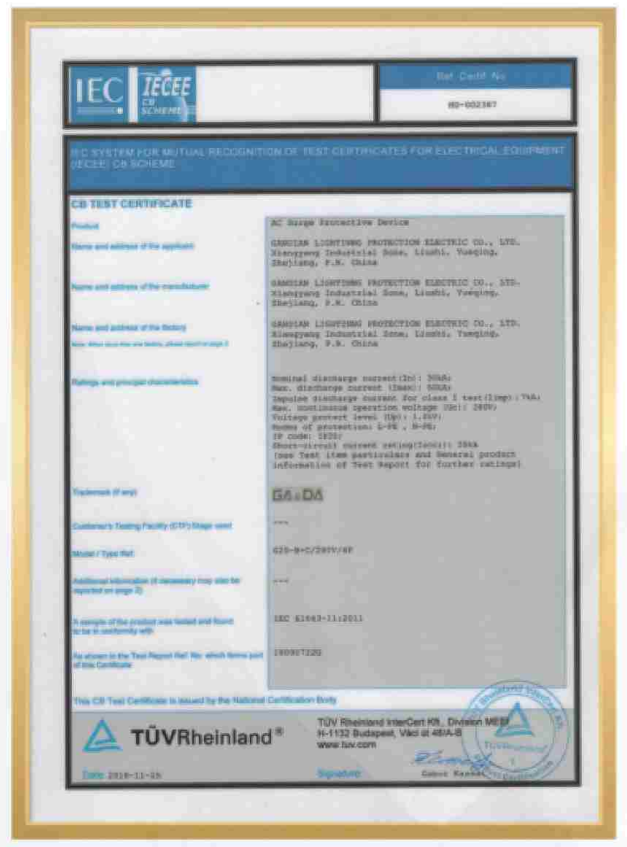

1.2/50μs voltage wave generator

证书 Certificate And International Patents

ISO14001

ISO9001

OHSAS18001


CB

CQC

RoHS

TUV-CE


TUV

CE

GDH8 AC Modular Contactor

● GDH8 series modular contactors are mainly suitable for lighting, heating, ventilation, roller shutters, public hot water, mechanical ventilation systems, etc., can be used for remote control in line with IEC international standards,

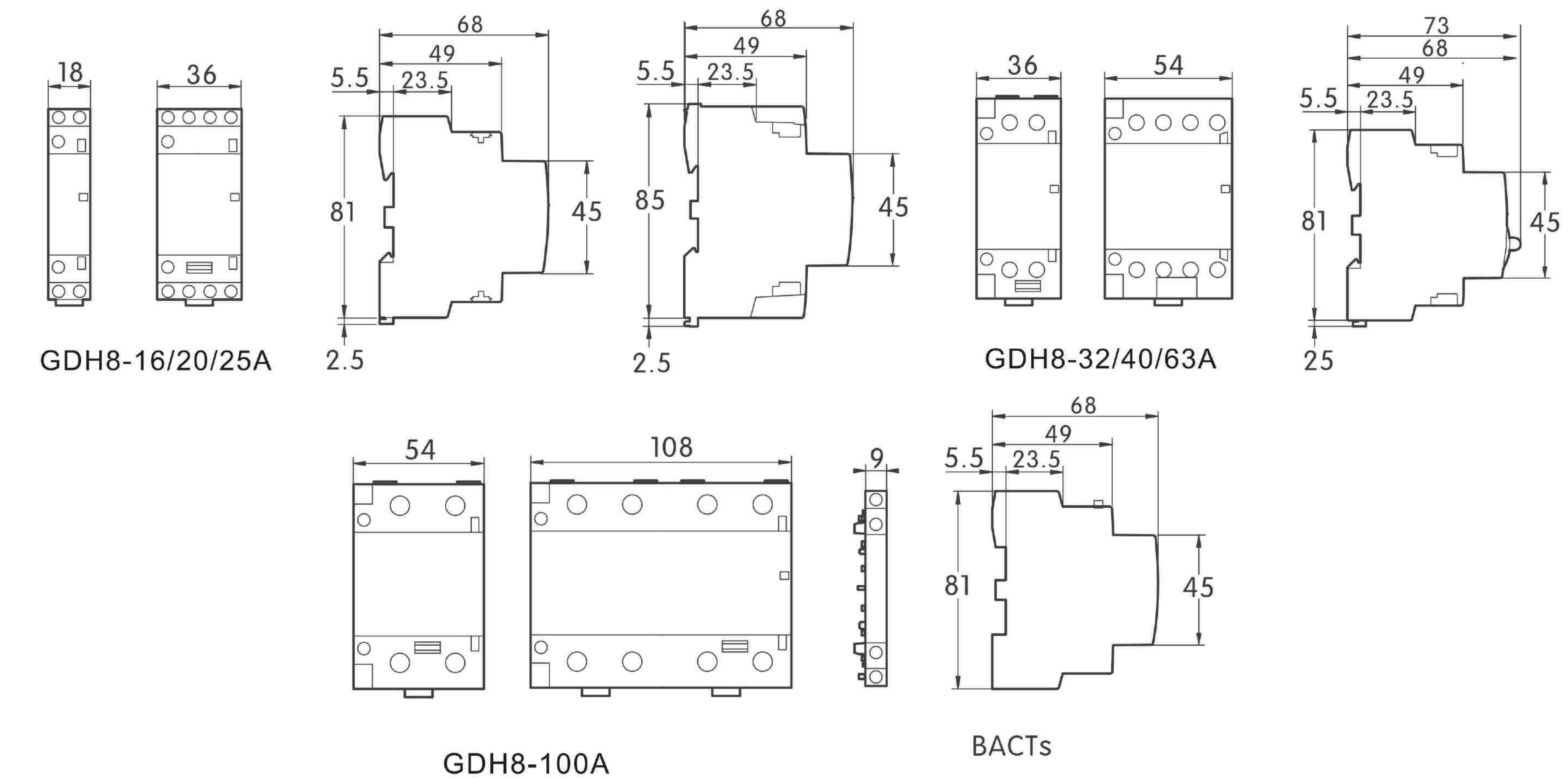
ISO CQC CE CB RoHS

Parameter

Type	Schematic	Rated current(In)		Control voltage(AC) and Order Code	Contact Type	Width (mm)
		AC-7a	AC-7b			
GDH8-16/01-1P		16A	6A	24V(272001),110V(272002),230V(272003)	1NC	18
GDH8-16/10-1P				24V(272004),110V(272005),230V(272006)	1NO	
GDH8-20/01-1P		20A	7A	24V(272007),110V(272008),230V(272009)	1NC	
GDH8-20/10-1P				24V(272010),110V(272011),230V(272012)	1NO	
GDH8-25/01-1P		25A	9A	24V(272013),110V(272014),230V(272015)	1NC	
GDH8-25/10-1P				24V(272016),110V(272017),230V(272018)	1NO	
GDH8-16/02-2P		16A	6A	24V(272019),110V(272020),230V(272021)	2NC	18
GDH8-16/20-2P				24V(272022),110V(272023),230V(272024)	2NO	
GDH8-16/11-2P				24V(272025),110V(272026),230V(272027)	1NO+1NC	
GDH8-20/02-2P		20A	7A	24V(272028),110V(272029),230V(272030)	2NC	
GDH8-20/20-2P				24V(272031),110V(272032),230V(272033)	2NO	
GDH8-20/11-2P				24V(272034),110V(272035),230V(272036)	1NO+1NC	
GDH8-25/02-2P		25A	9A	24V(272037),110V(272038),230V(272039)	2NC	
GDH8-25/20-2P				24V(272040),110V(272041),230V(272042)	2NO	
GDH8-25/11-2P				24V(272043),110V(272044),230V(272045)	1NO+1NC	
GDH8-32/02-2P		32A	12A	24V(272046),110V(272047),230V(272048)	2NC	36
GDH8-32/20-2P				24V(272049),110V(272050),230V(272051)	2NO	
GDH8-32/11-2P				24V(272052),110V(272053),230V(272054)	1NO+1NC	
GDH8-40/02-2P		40A	18A	24V(272055),110V(272056),230V(272057)	2NC	
GDH8-40/20-2P				24V(272058),110V(272059),230V(272060)	2NO	
GDH8-40/11-2P				24V(272061),110V(272062),230V(272063)	1NO+1NC	
GDH8-63/02-2P		63A	25A	24V(272064),110V(272065),230V(272066)	2NC	
GDH8-63/20-2P				24V(272067),110V(272068),230V(272069)	2NO	
GDH8-63/11-2P				24V(272070),110V(272071),230V(272072)	1NO+1NC	
GDH8-100/20-2P		100A	-	24V(272073),110V(272074),230V(272075)	2NO	54
GDH8-16/03-3P		16A	6A	24V(272076),110V(272077),230V(272078)	3NC	36
GDH8-16/30-3P				24V(272079),110V(272080),230V(272081)	3NO	
GDH8-20/03-3P		20A	7A	24V(272082),110V(272083),230V(272084)	3NC	
GDH8-20/30-3P				24V(272085),110V(272086),230V(272087)	3NO	
GDH8-25/03-3P		25A	9A	24V(272088),110V(272089),230V(272090)	3NC	
GDH8-25/30-3P				24V(272091),110V(272092),230V(272093)	3NO	
GDH8-32/03-3P		32A	12A	24V(272094),110V(272095),230V(272096)	3NC	54
GDH8-32/30-3P				24V(272097),110V(272098),230V(272099)	3NO	
GDH8-40/03-3P		40A	18A	24V(272100),110V(272101),230V(272102)	3NC	
GDH8-40/30-3P				24V(272103),110V(272104),230V(272105)	3NO	
GDH8-63/03-3P		63A	25A	24V(272106),110V(272107),230V(272108)	3NC	
GDH8-63/30-3P				24V(272109),110V(272110),230V(272111)	3NO	
GDH8-16/04-4P		16A	6A	24V(272112),110V(272113),230V(272114)	4NC	36
GDH8-16/40-4P				24V(272115),110V(272116),230V(272117)	4NO	
GDH8-16/22-4P				24V(272118),110V(272119),230V(272120)	2NO+2NC	
GDH8-16/31-4P				24V(272121),110V(272122),230V(272123)	3NO+1NC	
GDH8-20/04-4P		20A	7A	24V(272124),110V(272125),230V(272126)	4NC	
GDH8-20/40-4P				24V(272127),110V(272128),230V(272129)	4NO	
GDH8-20/22-4P				24V(272130),110V(272131),230V(272132)	2NO+2NC	
GDH8-20/31-4P				24V(272133),110V(272134),230V(272135)	3NO+1NC	
GDH8-25/04-4P		25A	9A	24V(272136),110V(272137),230V(272138)	4NC	
GDH8-25/40-4P				24V(272139),110V(272140),230V(272141)	4NO	
GDH8-25/22-4P				24V(272142),110V(272143),230V(272144)	2NO+2NC	
GDH8-25/31-4P				24V(272145),110V(272146),230V(272147)	3NO+1NC	
GDH8-32/04-4P		32A	12A	24V(272148),110V(272149),230V(272150)	4NC	36
GDH8-32/40-4P				24V(272151),110V(272152),230V(272153)	4NO	
GDH8-32/22-4P				24V(272154),110V(272155),230V(272156)	2NO+2NC	
GDH8-32/31-4P				24V(272157),110V(272158),230V(272159)	3NO+1NC	
GDH8-40/04-4P		40A	18A	24V(272160),110V(272161),230V(272162)	4NC	
GDH8-40/40-4P				24V(272163),110V(272164),230V(272165)	4NO	
GDH8-40/22-4P				24V(272166),110V(272167),230V(272168)	2NO+2NC	
GDH8-40/31-4P				24V(272169),110V(272170),230V(272171)	3NO+1NC	
GDH8-63/04-4P		63A	25A	24V(272172),110V(272173),230V(272174)	4NC	
GDH8-63/40-4P				24V(272175),110V(272176),230V(272177)	4NO	
GDH8-63/22-4P				24V(272178),110V(272179),230V(272180)	2NO+2NC	
GDH8-63/31-4P				24V(272181),110V(272182),230V(272183)	3NO+1NC	
GDH8-100/40-4P		100A	-	24V(272184),110V(272185),230V(272186)	4NO	108

Size

Dimensions (mm)



Power Consumption

Type	Rated current(In)		Control voltage (V ac) 50/60HZ	Power Consumption		Max power
	AC-7a	AC-7b		Maintain	Attraction	
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
	40A	18A	220…240	2.7VA	9.2VA	1.6W
	63A	25A	220…240	2.7VA	9.2VA	1.6W
	100A	-	220…240	4.6VA	34VA	2.1W
3P	25A	9A	220…240	4.6VA	34VA	1.6W
	40A	18A	220…240	6.5VA	53VA	2.1W
	63A	25A	220…240	6.5VA	53VA	2.1W
4P	16A	6A	220…240	4.6VA	34VA	1.6W
	25A	9A	24	4.6VA	34VA	1.6W
	32A	12A	220…240	6.5VA	53VA	2.1W
	40A	18A	220…240	6.5VA	53VA	2.1W
	63A	25A	220…240	6.5VA	53VA	2.1W
	100A	-	220…240	13VA	106VA	4.2W

GDH8M AC Modular Manual operation Contactor

● GDH8 series modular contactors are mainly suitable for lighting, heating, ventilation, roller shutters, public hot water, mechanical ventilation systems, etc., can be used for remote control in line with IEC international standards,

ISO CQC CE CB RoHS

GDH8-25M

GDH8-63M

Parameter

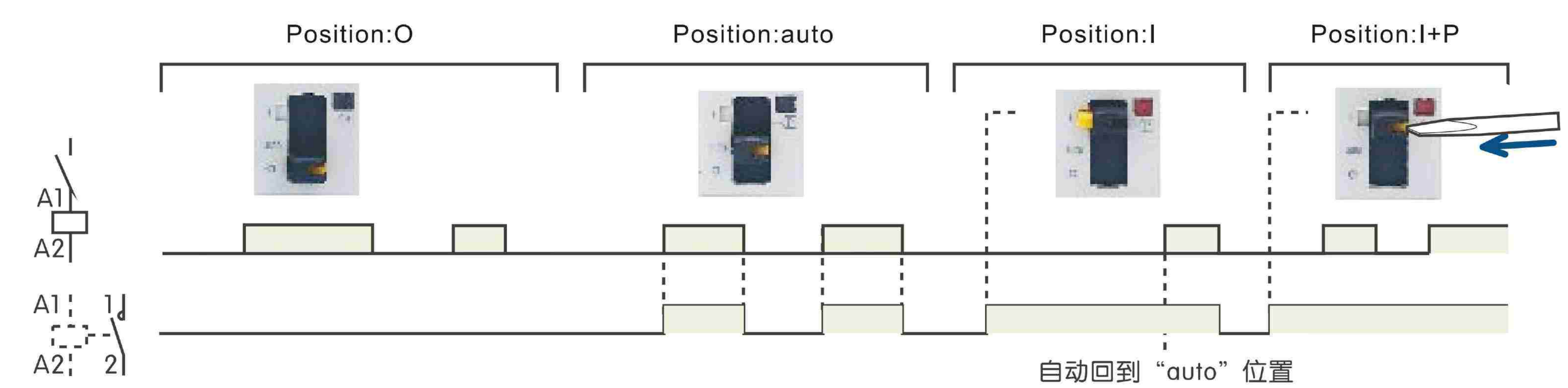
Type	Schematic	Rated current(In)		Control voltage(AC) and Order Code	Contact Type	Width (mm)
		AC-7a	AC-7b			
GDH8-16M/20-2P		16A	6A	24V(272187),110V(272188),230V(272189)	2NO	18
GDH8-16M/11-2P				24V(272190),110V(272191),230V(272192)	1NO+1NC	
GDH8-16M/03-2P				24V(272193),110V(272194),230V(272195)	2NC	
GDH8-20M/20-2P		20A	7A	24V(272196),110V(272197),230V(272198)	2NO	
GDH8-20M/11-2P				24V(272199),110V(272200),230V(272201)	1NO+1NC	
GDH8-20M/03-2P				24V(272202),110V(272203),230V(272204)	2NC	
GDH8-25M/20-2P		25A	9A	24V(272205),110V(272206),230V(272207)	2NO	
GDH8-25M/11-2P				24V(272208),110V(272209),230V(272210)	1NO+1NC	
GDH8-25M/03-2P				24V(272211),110V(272212),230V(272213)	2NC	
GDH8-32M/20-2P		32A	12A	24V(272214),110V(272215),230V(272216)	2NO	36
GDH8-32M/11-2P				24V(272217),110V(272218),230V(272219)	1NO+1NC	
GDH8-32M/03-2P				24V(272220),110V(272221),230V(272222)	2NC	
GDH8-40M/20-2P		40A	18A	24V(272223),110V(272224),230V(272225)	2NO	
GDH8-40M/11-2P				24V(272226),110V(272227),230V(272228)	1NO+1NC	
GDH8-40M/03-2P				24V(272229),110V(272230),230V(272231)	2NC	
GDH8-63M/20-2P		63A	25A	24V(272232),110V(272233),230V(272234)	2NO	
GDH8-63M/11-2P				24V(272235),110V(272236),230V(272237)	1NO+1NC	
GDH8-63M/03-2P				24V(272238),110V(272239),230V(272240)	2NC	
GDH8-16M/40-4P		16A	6A	24V(272241),110V(272242),230V(272243)	4NO	36
GDH8-16M/31-4P				24V(272244),110V(272245),230V(272246)	3NO+1NC	
GDH8-16M/22-4P				24V(272247),110V(272248),230V(272249)	2NO+2NC	
GDH8-16M/04-4P				24V(272250),110V(272251),230V(272252)	4NC	
GDH8-20M/40-4P		20A	7A	24V(272253),110V(272254),230V(272255)	4NO	
GDH8-20M/31-4P				24V(272256),110V(272257),230V(272258)	3NO+1NC	
GDH8-20M/22-4P				24V(272259),110V(272260),230V(272261)	2NO+2NC	
GDH8-20M/04-4P				24V(272262),110V(272263),230V(272264)	4NC	
GDH8-25M/40-4P		25A	9A	24V(272265),110V(272266),230V(272267)	4NO	
GDH8-25M/31-4P				24V(272268),110V(272269),230V(272270)	3NO+1NC	
GDH8-25M/22-4P				24V(272271),110V(272272),230V(272273)	2NO+2NC	
GDH8-25M/04-4P				24V(272274),110V(272275),230V(272276)	4NC	
GDH8-32M/40-4P		32A	12A	24V(272277),110V(272278),230V(272279)	4NO	54
GDH8-32M/31-4P				24V(272280),110V(272281),230V(272282)	3NO+1NC	
GDH8-32M/22-4P				24V(272283),110V(272284),230V(272285)	2NO+2NC	
GDH8-32M/04-4P				24V(272286),110V(272287),230V(272288)	4NC	
GDH8-40M/40-4P		40A	18A	24V(272289),110V(272290),230V(272291)	4NO	
GDH8-40M/31-4P				24V(272292),110V(272293),230V(272294)	3NO+1NC	
GDH8-40M/22-4P				24V(272295),110V(272296),230V(272297)	2NO+2NC	
GDH8-40M/04-4P				24V(272298),110V(272299),230V(272300)	4NC	
GDH8-63M/40-4P		63A	25A	24V(272301),110V(272302),230V(272303)	4NO	
GDH8-63M/31-4P				24V(272304),110V(272305),230V(272306)	3NO+1NC	
GDH8-63M/22-4P				24V(272307),110V(272308),230V(272309)	2NO+2NC	
GDH8-63M/04-4P				24V(272310),110V(272311),230V(272312)	4NC	

GDH8M AC Modular Manual operation Contactor

● GDH8M series modular contactors are mainly suitable for lighting, heating, ventilation, roller shutters, public hot water, mechanical ventilation systems, etc., can be used for remote control in line with IEC international standards,

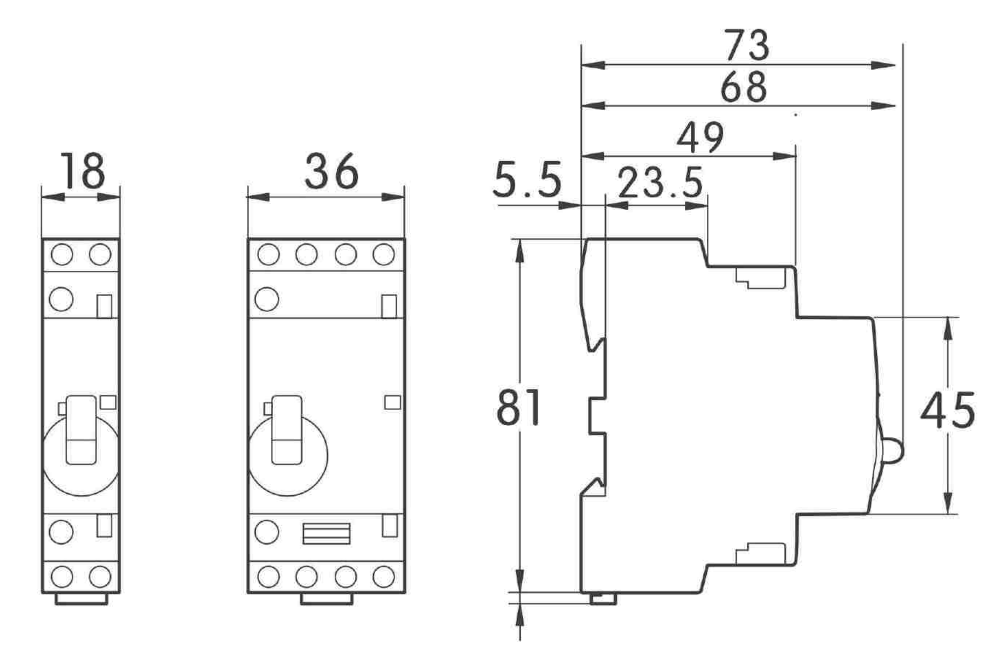
ISO CQC CE CB RoHS

Size

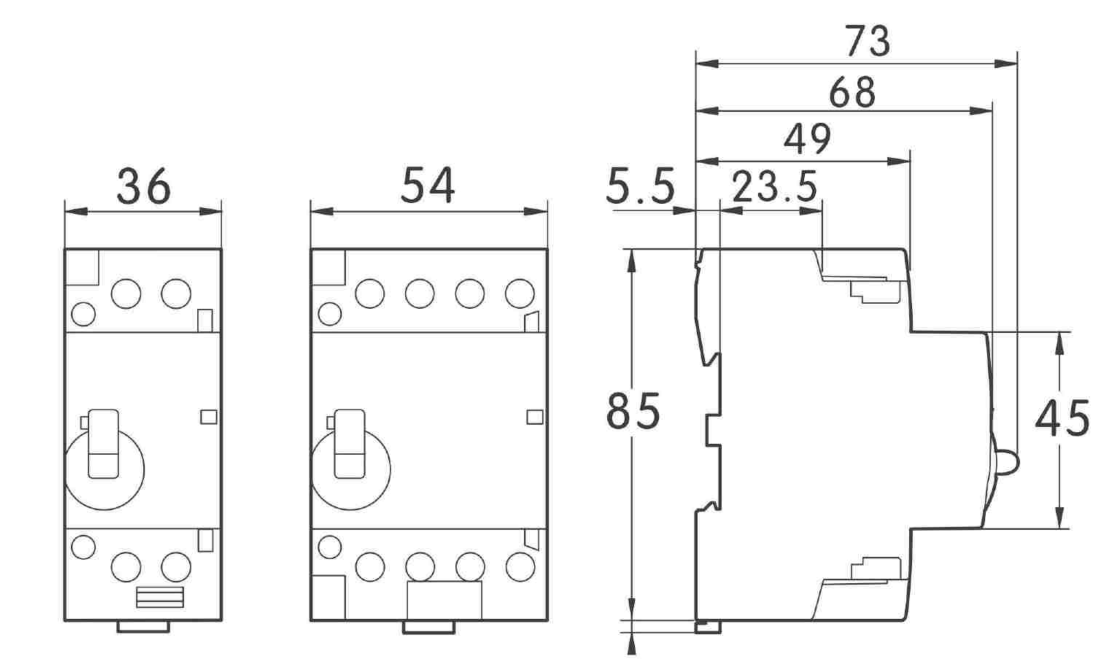


Size

Dimensions (mm)



GDH9-16/20/25A



GDH9-32/40/63A

Power Consumption

Type	Rated current(In)		Control voltage (V ac) 50/60HZ	Power Consumption		Max power
	AC-7a	AC-7b		Maintain	Attraction	
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
	40A	18A	220…240	2.7VA	9.2VA	1.6W
	63A	25A	220…240	2.7VA	9.2VA	1.6W
	100A	-	220…240	4.6VA	34VA	2.1W
3P	25A	9A	220…240	4.6VA	34VA	1.6W
	40A	18A	220…240	6.5VA	53VA	2.1W
	63A	25A	220…240	6.5VA	53VA	2.1W
4P	16A	6A	220…240	4.6VA	34VA	1.6W
	25A	9A	24	4.6VA	34VA	1.6W
	32A	12A	220…240	6.5VA	53VA	2.1W
	40A	18A	220…240	6.5VA	53VA	2.1W
	63A	25A	220…240	6.5VA	53VA	2.1W
	100A	-	220…240	13VA	106VA	4.2W