

HDCH8P Modular Contactor

Standard: IEC 61095



Function

HDCH8P Modular Contactor provide:

- Automatic control on equipment in buildings
- Switch on or Switch off lighting or other equipments

Order Information



Pole	Current (A)	Contacts	Reference
2P	16	2NO	HDCH8P16220
		1NO 1NC	HDCH8P16211
	20	2NO	HDCH8P20220
		1NO 1NC	HDCH8P20211
	25	2NO	HDCH8P25220
		1NO 1NC	HDCH8P25211
	32	2NO	HDCH8P32220
		2NC	HDCH8P32202
		1NO 1NC	HDCH8P32211
	40	2NO	HDCH8P40220
		2NC	HDCH8P40202
		1NO 1NC	HDCH8P40211
	63	2NO	HDCH8P63220
		2NC	HDCH8P63202
		1NO 1NC	HDCH8P63211
4P	16	4NO	HDCH8P16440
		4NC	HDCH8P16404
		2NO 2NC	HDCH8P16422
		3NO 1NC	HDCH8P16431
	20	4NO	HDCH8P20440
		4NC	HDCH8P20404
		2NO 2NC	HDCH8P20422
		3NO 1NC	HDCH8P20431
	25	4NO	HDCH8P25440
		4NC	HDCH8P25404
		2NO 2NC	HDCH8P25422
		3NO 1NC	HDCH8P25431
	32	4NO	HDCH8P32440
		4NC	HDCH8P32404
		2NO 2NC	HDCH8P32422
		3NO 1NC	HDCH8P32431
	40	4NO	HDCH8P40440
		4NC	HDCH8P40404
		2NO 2NC	HDCH8P40422
		3NO 1NC	HDCH8P40431
	63	4NO	HDCH8P63440
		4NC	HDCH8P63404
		2NO 2NC	HDCH8P63422
		3NO 1NC	HDCH8P63431

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Technical information

Standard	IEC 61095	
Ambient Temperature	- 5℃~40℃	
Rated Voltage Ue	230V AC	
Rated Insulation Voltage Ui	500V AC	
Operation Time	≥30000 times	
Coil Voltage (Us)	220/230V AC	
Type	AC-7a	AC-7b
Rated Current (Ie)	20A/25A/32A/40A/63A	7A/8.5A/12A/15A/25A
Rated Power	4kW/5.4kW/6.5kW/ 8.4kW/13kW	1.2kW/1.5kW/1.9kW/ 2.4kW/3.8kW
Operation Frequency	1200times/h	30time/h
Marking & Breaking Capacity	1.5Ie	8Ie

Final Distribution

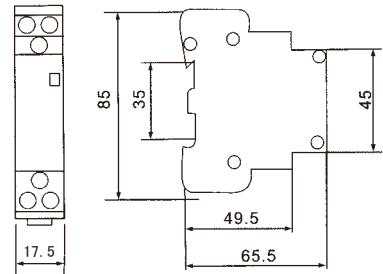
HDCH8P Modular Contactor

Standard: IEC 61095

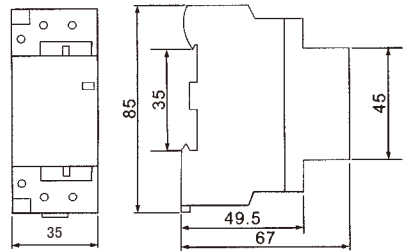


Overall Dimensions

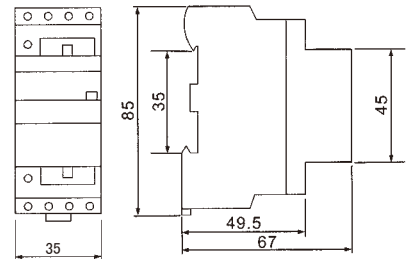
HDCH8P-2P, 16-25A



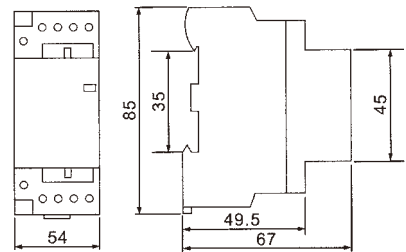
HDCH8P-2P, 32-63A



HDCH8P-4P, 16-25A



HDCH8P-4P, 32-63A



HDRT8 Time Relay

Standard:IEC 60947.5

Function

HDRT8 Time Relay provide:

- Disconnect Delay
- Connect Delay

Order Information



Limit delay time	Delay type	Reference
10s	power delay	HDRT810B
120s	power delay	HDRT8120B
480s	power delay	HDRT8480B
480s	off delay	HDRT8480A

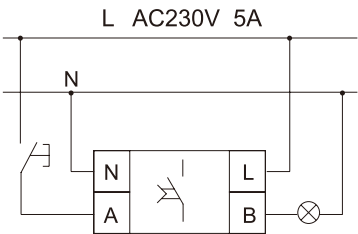
Technical Data

Building Control Command Devices	HDRT8 Time Relay
Standard	IEC 60947.5
Rated Voltage Ue	230V AC
Rated Current(Ie)	5A
Delay Type	Off delay Power delay
Limit Delay Time	10s 120s 480s
Conventional Thermal Current(I th)	8A
Timing Range	0.1-10s(≤10s) 10-120s(≤120s) 30-480s(≤480s)
Contact Type	Normally open contact
Contact Number	1
Rated Control Supply Voltage(Us)	230V AC
Operating Voltage Range	85%-110%Us
Electrical Durability	30000 times
Rated Wattage	< 1W
Insulation Resistance	> 1.5MΩ
Insulation Strength	To each:AC 1760V 5s Disconnect between the contact position:AC 1000V 1min
Connection	up to 1mm ² cables

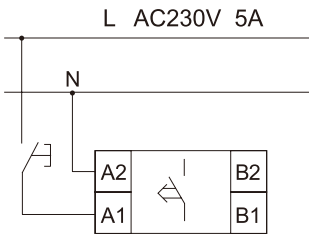
HDRT8 Time Relay

Standard: IEC 60947.5

Wiring Diagram

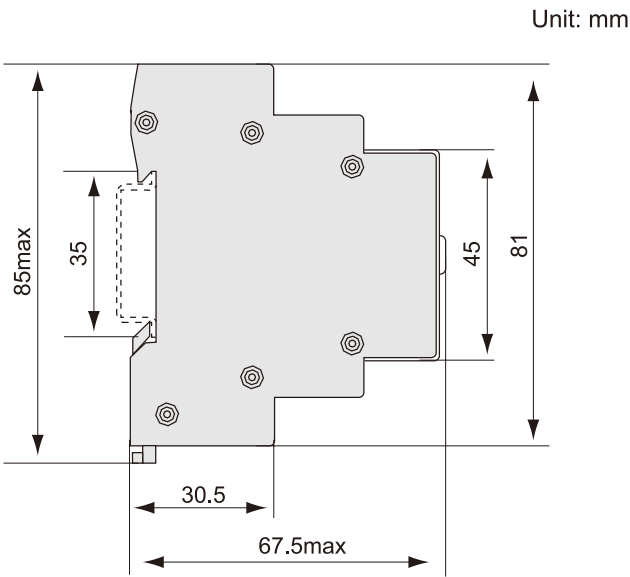
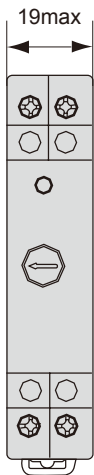


HDRT8-480A



HDRT8-10B, 120B, 480B

Overall Dimensions



Unit: mm

HDY1 Surge Protective Devices

Standard: IEC61643



Function

HDY1 surge protective devices provide:

- Applicable to household appliances and the like to offer protection
- When there is an over-voltage caused by either lightning strike or operation in the circuit

Order Information

Imax (kA)	Uc (V)	Up (kV)	Reference					
			1P	2P	3P	4P	1P+N	3P+N
20	275	1.3	HDY1201275	HDY1202275	HDY1203275	HDY1204275	HDY1205275	HDY1206275
	385	1.5	HDY1201385	HDY1202385	HDY1203385	HDY1204385	HDY1205385	HDY1206385
	420	1.8	HDY1201420	HDY1202420	HDY1203420	HDY1204420	HDY1205420	HDY1206420
40	275	1.5	HDY1401275	HDY1402275	HDY1403275	HDY1404275	HDY1405275	HDY1406275
	385	1.8	HDY1401385	HDY1402385	HDY1403385	HDY1404385	HDY1405385	HDY1406385
	420	2.0	HDY1401420	HDY1402420	HDY1403420	HDY1404420	HDY1405420	HDY1406420
60	275	1.8	HDY1601275	HDY1602275	HDY1603275	HDY1604275	HDY1605275	HDY1606275
	385	2.2	HDY1601385	HDY1602385	HDY1603385	HDY1604385	HDY1605385	HDY1606385
	420	2.5	HDY1601420	HDY1602420	HDY1603420	HDY1604420	HDY1605420	HDY1606420
80	275	2.0	HDY1801275	HDY1802275	HDY1803275	HDY1804275	HDY1805275	HDY1806275
	385	2.2	HDY1801385	HDY1802385	HDY1803385	HDY1804385	HDY1805385	HDY1806385
	420	2.5	HDY1801420	HDY1802420	HDY1803420	HDY1804420	HDY1805420	HDY1806420
100	275	2.2	HDY11001275	HDY11002275	HDY11003275	HDY11004275	HDY11005275	HDY11006275
	385	2.5	HDY11001385	HDY11002385	HDY11003385	HDY11004385	HDY11005385	HDY11006385
	420	2.5	HDY11001420	HDY11002420	HDY11003420	HDY11004420	HDY11005420	HDY11006420

Standard: IEC61643

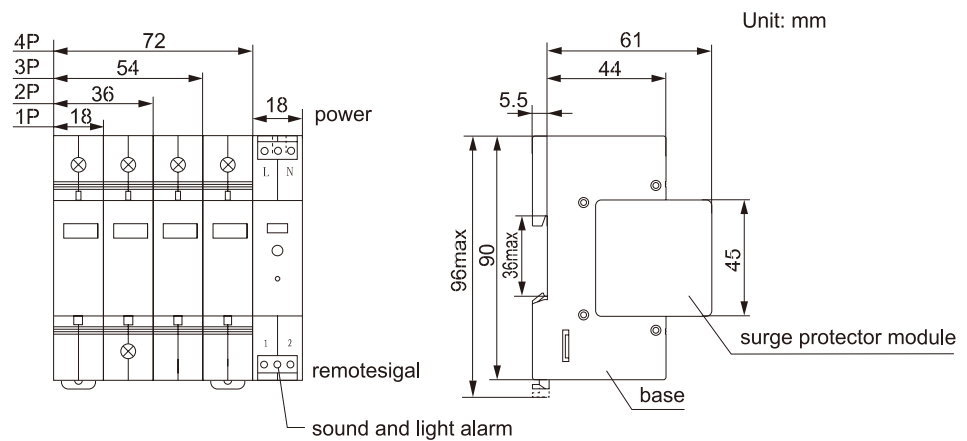


Technical Data

Type Pole	HDY1-20	HDY1-40	HDY1-60	HDY1-80	HDY1-100
Nominal discharge current In(8/20us) kA	10	20	30	40	50
Maximum discharge current I _{max} (8/20us) kA	20	40	60	80	100
Maximum continuous operational voltage U _c V	275 385 420	275 385 420	275 385 420	275 385 420	275 385 420
Protection level Up kV	1.3 1.5 1.8	1.5 1.8 2.0	1.8 2.2 2.5	2.0 2.2 2.5	2.2 2.5 2.5
Leakage current (75%U _c 1mA) uA	≤20				
Response time ns	≤25				

- Standard: IEC 61643
- Certification: SEMKO, CB

Overall Dimensions



HDY1-20 40 60