

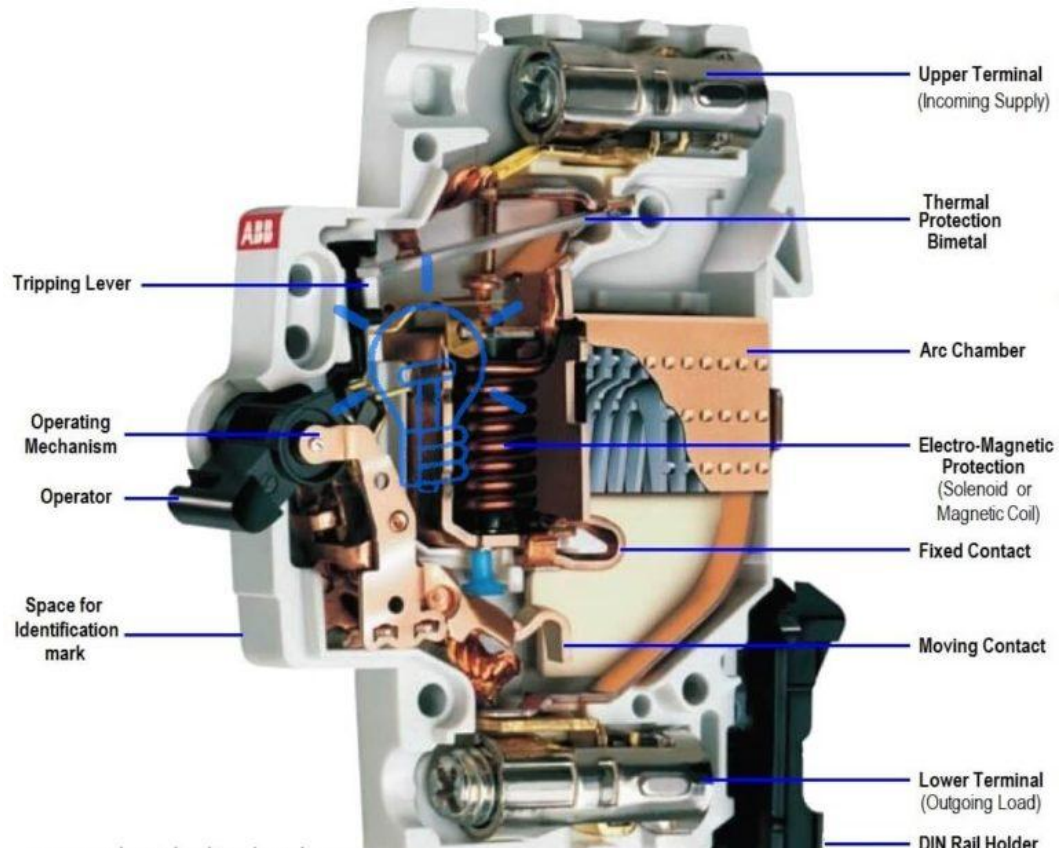


LAMPIRAN

POMPA AIR  	
Negara Pembuat : China No.Seri : Model DB-105	
Daya Hsap : 9 m	Tegangan : 220 V, Frek : 50 Hz
Daya Dorong : 28 m	Daya Masukan : 230 Watt
Tinggi Total Maks : 37 m	PPM : 2850
Kapasitas : 42 ltr / mnt	Ukuran Pipa : 1" x 1"
Kapasitor : 6 μ F / 450 V	Ins. Lilitan Kelas B
Suhu Cairan Maks : 35 ° C	IPX 4
Pelindung Suhu Motor	



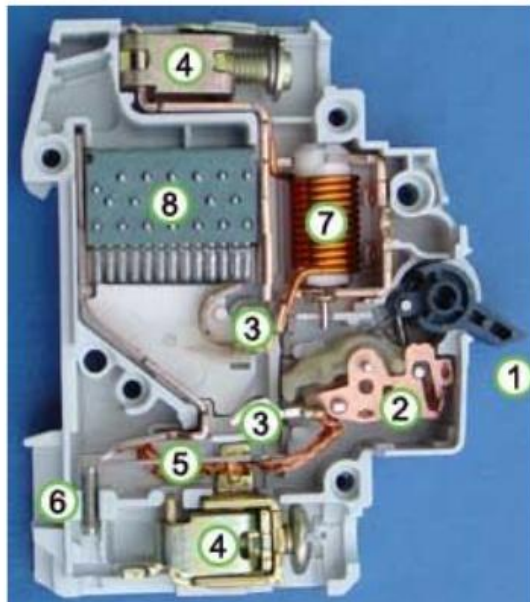
NON AUTO



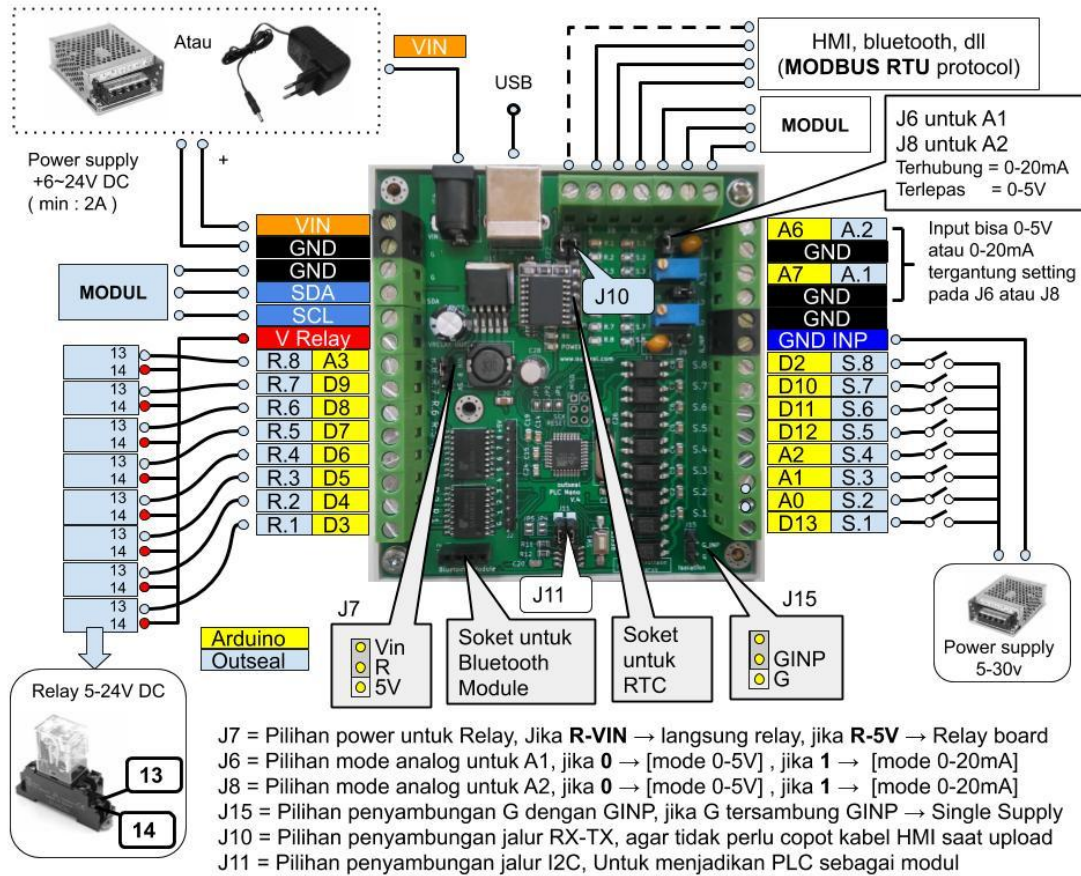
PN-125 BIT

Output (W)	: 125
Input (kW)	: 0.35
Panjang Pipa (m)	: 9
Total Head Max. (m)	: 33
Head (m)	: 5 21
Kapasitas (liter/min)	: 36 10
Pipa Hisap (inch)	: 1
Pipa Dorong (inch)	: 1

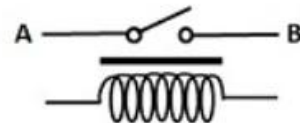
Konstruksi MCB



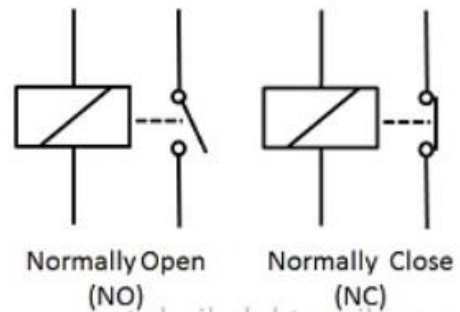
1. Actuator lever
2. Actuator mechanism
3. Contacts
4. Terminals
5. Bimetallic strip
6. Calibration screw assembly.
7. Solenoid
8. Arc divider / extinguisher




Simbol Relay



atau



SONGLE RELAY

	RELAY ISO9002	SRD
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1. MAIN FEATURES

- Switching capacity available by 10A in spite of small size design for highdensity P.C. board mounting technique.
- UL,CUL,TUV recognized.
- Selection of plastic material for high temperature and better chemical solution performance.
- Sealed types available.
- Simple relay magnetic circuit to meet low cost of mass production.

APPLICATIONS

- Domestic appliance, office machine, audio, equipment, automobile, etc.
(Remote control TV receiver, monitor display, audio equipment high rushing current use application.)

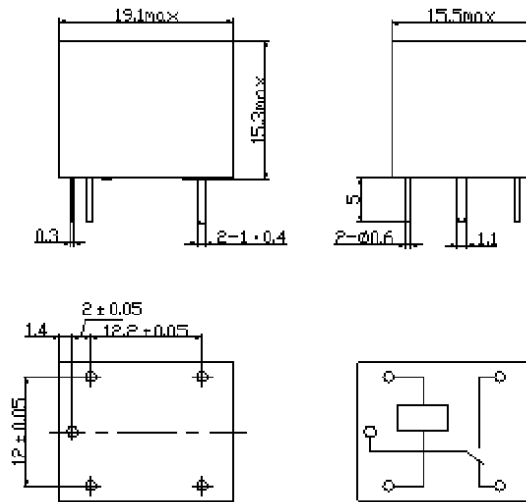
ORDERING INFORMATION

SRD	XX VDC	S	L	C
Model of relay	Nominal coil voltage	Structure	Coil sensitivity	Contact form
SRD	03 05 06 09 12 24 48 VDC	S:Sealed type	L:0.36W	A:1 form A
		F:Flux free type	D:0.45W	B:1 form B C:1 form C

2. RATING

CCC	FILE NUMBER:CH0052885-2000	7A/240VDC
CCC	FILE NUMBER:CH0036746-99	10A/250VDC
UL /CUL	FILE NUMBER: E167996	10A/125VAC 28VDC
TUV	FILE NUMBER: R9933789	10A/240VAC 28VDC

5. DIMENSION_(unit:mm) **DRILLING**_(unit: mm) **WIRING DIAGRAM**



COIL DATA CHART (AT20°C)

Coil Sensitivity	Coil Voltage Code	Nominal Voltage (VDC)	Nominal Current (mA)	Coil Resistance (Ω) ±10%	Power Consumption (W)	Pull-In Voltage (VDC)	Drop-Out Voltage (VDC)	Max-Allowable Voltage (VDC)
SRD (High Sensitivity)	03	03	120	25	abt. 0.36W	75%Max.	10% Min.	120%
	05	05	71.4	70				
	06	06	60	100				
	09	09	40	225				
	12	12	30	400				
	24	24	15	1600				
	48	48	7.5	6400				
SRD (Standard)	03	03	150	20	abt. 0.45W	75% Max.	10% Min.	110%
	05	05	89.3	55				
	06	06	75	80				
	09	09	50	180				
	12	12	37.5	320				
	24	24	18.7	1280				
	48	48	10	4500	abt. 0.51W			

7. CONTACT RATING

Item	Type	SRD	
		FORM C	FORM A
Contact Capacity Resistive Load (cosΦ=1)		7A 28VDC 10A 125VAC 7A 240VAC	10A 28VDC 10A 240VAC
Inductive Load (cosΦ=0.4 L/R=7msec)		3A 120VAC 3A 28VDC	5A 120VAC 5A 28VDC
Max. Allowable Voltage		250VAC/110VDC	250VAC/110VDC
Max. Allowable Power Force		800VAC/240W	1200VA/300W
Contact Material		AgCdO	AgCdO

8. PERFORMANCE (at initial value)

Item	Type	SRD
Contact Resistance		100mΩ Max.
Operation Time		10msec Max.
Release Time		5msec Max.
Dielectric Strength		
Between coil & contact		1500VAC 50/60HZ (1 minute)
Between contacts		1000VAC 50/60HZ (1 minute)
Insulation Resistance		100 MΩ Min. (500VDC)
Max. ON/OFF Switching		
Mechanically		300 operation/min
Electrically		30 operation/min
Ambient Temperature		-25°C to +70°C
Operating Humidity		45 to 85% RH
Vibration		
Endurance		10 to 55Hz Double Amplitude 1.5mm
Error Operation		10 to 55Hz Double Amplitude 1.5mm
Shock		
Endurance		100G Min.
Error Operation		10G Min.
Life Expectancy		
Mechanically		10 ⁷ operations. Min. (no load)
Electrically		10 ⁵ operations. Min. (at rated coil voltage)
Weight		abt. 10grs.

Application

The breadth of the BCH8 contactor range satisfies the most application cases. BCH8 contactors can be combined with auxiliary control, protection and indication functions. The contactors are produced according to IEC61095(GB/T17885).

BCH8 contactors can be used to remote control applications in alternative networks:

- lighting, heating, ventilation, roller blinds, sanitary hot water
- mechanical ventilation systems, etc

Application

BCH8 contactors are available in two versions:

- Contactors without manually-operated
- Contactors with manually-operated.

BCH8-16 2P



BCH8-25 4P



BCH8-63 2P



BCH8-63 4P



BCH8-100 2P



BCH8-100 4P



BCH8-25M 4P



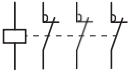
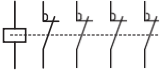
BCH8-63M 2P

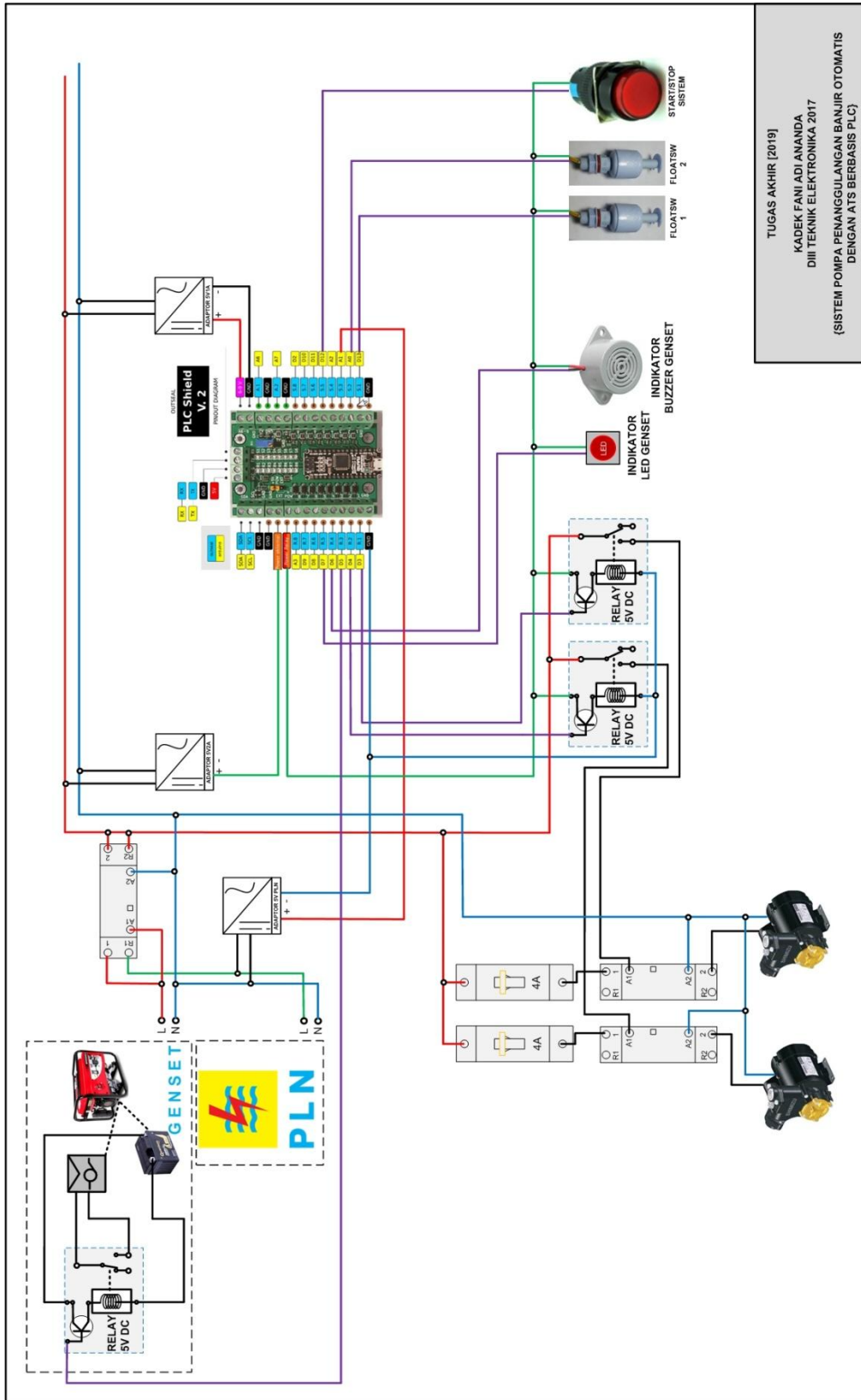


BCH8-63M 4P



Type	Rating(In)		Control voltage (V AC)(50/60Hz)	Contact	Width in 9 mm modules
	AC-7a	AC-7b			
1P A1 A1 R1 A2 A2 R2	16A	6A	24	1NO	2
	20A	7A	110		
	25A	9A	230	1NC	
2P					
A1 R1 R3 A2 R2 R4	16A	6A	24	2NO	2
	20A	7A	110	1NO+1NC	
			230	2NC	
	25A	9A			
A1 R1 A2 R2	32A	12A	24	2NO	4
	40A	18A	110	1NO+1NC	
			230	2NC	
A1 A2	63A	25A			6
	100A		24 110 230	2NO	
3P					
A1 A2 A1 R1 R3 R5	16A	6A	24	3NO	4
	20A	7A	110		
			230	3NC	
	25A	9A			
	32A	12A	24	3NO	

 A2 R2 R4 R6	40A	18A	110		6
	63A	25A	230	3NC	
4P					
A1	16A	6A			
			24	4NO	
A2	20A	7A	110	4NC	4
	25A			2NO+2NC	
 A1 R1 R3 R5 R7		9A	230	3NO+1NC	
	32A	12A	24	4NO	
A1 R1 R3	40A	18A		4NC	
			110	2NO+2NC	6
A2 R2 R4	63A	25A	230	3NO+1NC	
A1 R1					
A2 R2	100A	-	24		
			110	4NO	12
A2 R2			230		



TUGAS AKHIR [2019]
 KADEK FANI ADI ANANDA
 DIII TEKNIK ELEKTRONIKA 2017
 (SISTEM POMPA PENANGGULANGAN BANJIR OTOMATIS
 DENGAN ATS BERBASIS PLC)

