

中汇瑞德对应各品牌型号参照

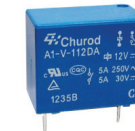


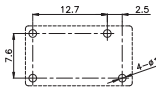
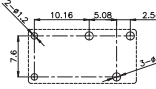
Churod	OMRON	TE	HONGFA	SONGCHUAN	PANASONIC
A1		OJ/OJE	HF32F	835/307	
A2	G5Q/G5SB	PCH	HF33F	892	JQ/PQ
CHM	G5NB/G5T	PCJ	HF46F	202N	LD
CHS01	G8P	T9A	HF2150/HF105F	855AP	JTN/JTV
CHS02	G8P	T9A	HF2150/HF105F	855AWP	JTN/JTV
CHW	G5LA/G5LE	ORWH	HF-3FF/HF7FF	833H/812H	JS
CHZ01	G2R-1	OMI	HF14FF/HF141FF		JW
CHZ02	G2R-1	OMIH			
CHZ03	G2R-1-E	OZ	HF141FF	793	
CHZ05	C2R-2	OMI-2P	HF141FD	894	
CHZ02T	G5G	PCK	HF215F		
CHZ02T	G5JS	OMIF	HF62F	302	LE
CHF	G4A	PCF	HF102F	891	JM
CHD	G5CA	PCD	HF7520	834	
CHC	G6M	PCN/PCNH	HF49F	882	
CHA	G5PA-1	SDT	HF36F		
CHI	G2RL	RT	HF115F	845/888/881	LZ
CHSM	G5V-2	MT2	HFD27F	502	
CHSC	G5V-1	TSC	HFD23F		HD/HY
CHSZ		OUAZ	HFD41	842-A	
CHAK		POWER K(V23071)	HFKP		
CHAF		VF4/VF7(V23134)	HFV4/HFV7		
CHAA		Micro A(V23074)	HFV6-G		

Application

Household Appliance	
 <p>Airconditioner</p>	<ul style="list-style-type: none"> Compressor Control: CHF, CHS Fan Motor Control: A1 Heater: CHZ
 <p>Refrigerator</p>	<ul style="list-style-type: none"> Compressor Control: CHZ Defroster Control: A1, A2, CHM Cooling Fan Motor: CHM, A1 Indoor Light: CHM, A1
 <p>Washing Machine</p>	<ul style="list-style-type: none"> Water Valve Control: A1, CHM, A2 Heater: CHFN
 <p>Rice Cooker</p>	<ul style="list-style-type: none"> Heater: CHW, A1
 <p>Coffer Maker</p>	<ul style="list-style-type: none"> Heater: CHD, CHI, CHW
 <p>Microwave Oven</p>	<ul style="list-style-type: none"> Heater: CHA, CHZ Turntable Motor: A1, A2, CHM Light Control: A1, A1, CHM
 <p>Soybean Milk Maker</p>	<ul style="list-style-type: none"> Heater: A1
 <p>Iron</p>	<ul style="list-style-type: none"> Heater: A1, CHD, CHI
Building Automation	
 <p>Elevator</p>	<ul style="list-style-type: none"> PLC Module: CHC
 <p>Thermostat</p>	<ul style="list-style-type: none"> Signal Control: CHSM, CHSC
Smart Meter	
 <p>Smart Meter</p>	<ul style="list-style-type: none"> Current Switch and Measuring: CHP, A2
Automobile	
 <p>Automobile</p>	<ul style="list-style-type: none"> Braking system, Lights, Window: CHAF, CHAK, CHAA
Others	
 <p>Office Machines</p>	<ul style="list-style-type: none"> Power switching: CHZ, CHA

Catalog Product



	A1	A2	CHM
Series	A1	A2	CHM
Rated Contact Current	3A/5A/8A/10A	5A	5A
Dimension(L*W*H)mm	18.2*10.2*14.7	20*10*15.2	20.4*7*15
Coil Data	Rated voltage	3-48VDC	3-48VDC
	Coil Power	200mW 450mW	200mW 400mW
Contact Data	Arrangement	1 Form A (SPST)	1 Form A (SPST)
	Contact Resistance	100m (1A 6VDC)	100m (1A 6VDC)
	Contact Material	Ag Alloy	Ag Alloy
Insulation	Contact Rating	3A/5A/8A/10A 250VAC 3A/5A/8A/10A 30VDC	5A 277VAC(N.O) 5A 30VDC(N.O) 3A 277VAC(N.C) 10A 125VAC
	Insulation Resistance	1,000M ,500VDC	1,000M ,500VDC
Endurance	IP/OP	4,000VAC 50/60Hz 1min	4,000VAC 50/60Hz 1min
	OP/OP	750VAC 50/60Hz 1min	750VAC 50/60Hz 1min
Environmental	Electrical Endurance	100,000 ops	100,000 ops
	Mechanical Endurance	10,000,000 ops	10,000,000 ops
Safty Standard	Operating Temp.	-30 ~+85	-40 ~+85
	Operating Humid.	20-85%RH	20-85%RH
Others	Weight	cULus, TUV, CQC	cULus, TUV, CQC
	Termination	Approx. 6g	Approx. 7g
	Enclosure	PCB	PCB
Mounting Layout	Vent and Seal type	Vent and Seal type	Vent and Seal type
	Wiring Diagram		
Competition Type	Hongfa	HF32F	HF33F
	SongChuan	835/307	892
TE Connectivity	OMRON	(N/A)	G5Q
		OJ/OJE	PCH
			HF46F
			202N
			G5NB
			PCJ

Catalog Product



Series		CHW	CHZ01	CHZ02
Rated Contact Current		10A	10A	16A
Dimension(L*W*H)mm		19.0*15.5*15.8	29.0*12.7*20.9	29.0*12.7*20.9
Coil Data	Rated voltage	3-48VDC	5-48VDC	5-48VDC
	Coil Power	360mW/240mW	720mW 540mW	720mW 540mW
Contact Data	Arrangement	1 Form A (SPST) 1 Form C (SPDT)	1 Form A (SPST) 1 Form C (SPDT)	1 Form A (SPST) 1 Form C (SPDT)
	Contact Resistance	100m (1A 6VDC)	100m (1A 6VDC)	100m (1A 6VDC)
	Contact Material	Ag Alloy	Ag Alloy	Ag Alloy
	Contact Rating	10A(NO)/6A(NC) 250VAC 10A(NO)/6A(NC) 28VDC	10A(NO)/5A(NC) 250VAC 10A(NO)/5A(NC) 30VDC	16A(NO)/8A(NC) 250VAC 16A(NO)/8A(NC) 30VDC
Insulation	Insulation Resistance	1,000M ,500VDC	1,000M ,500VDC	1,000M ,500VDC
	IP/OP	1,500VAC 50/60Hz 1min	5,000VAC 50/60Hz 1min	5,000VAC 50/60Hz 1min
Endurance	OP/OP	750VAC 50/60Hz 1min	1,000VAC 50/60Hz 1min	1,000VAC 50/60Hz 1min
	Electrical Endurance	100,000 ops	100,000 ops	100,000 ops
Environmental	Mechanical Endurance	10,000,000 ops	10,000,000 ops	10,000,000 ops
	Operating Temp.	-30 ~+105	-40 ~+85	-40 ~+85
Safty Standard	Operating Humid.	20-85%RH	20-85%RH	20-85%RH
	Weight	cULus, TUV, CQC	cULus, TUV, CQC	cULus, TUV, CQC
Others	Termination	Approx. 9.5g	Approx. 13g	Approx. 13g
	Enclosure	PCB	PCB	PCB
Mounting Layout	Enclosure	Vented and Sealed type	Vented and Sealed type	Vented and Sealed type
	Diagram			
Wiring Diagram	Diagram			
	Competition	Hongfa SongChuan	HF14FF/HF141FF	HF-141FF
Type	OMRON TE Connectivity	833H/812H G5LA / G5LC ORWH	G2R OMI	G2R OMIH

Catalog Product



Series		CHZ03	CHZ05	CHS
Rated Contact Current		16A	8A	30A
Dimension(L*W*H)mm		29.0*12.7*20.9	29.0*12.7*20.9	32.0*27.4*20.4
Coil Data	Rated voltage	5-48VDC	5-48VDC	5-110VDC
	Coil Power	720mW 540mW	720mW 540mW	900mW
Contact Data	Arrangement	1 Form A (SPST) 1 Form C (SPDT)	2 Form A (DPST) 2 Form C (DSPDP)	1 Form A (SPST) 1 Form C (SPDT)
	Contact Resistance	100m (1A 6VDC)	100m (1A 6VDC)	100m (1A 6VDC)
	Contact Material	Ag Alloy	Ag Alloy	Ag Alloy
	Contact Rating	16A(NO)/8A(NC) 250VAC 16A(NO)/8A(NC) 30VDC	8A(NO)/4A(NC) 250VAC 8A(NO)/4A(NC) 30VDC	30A 250VAC 20A(NO)/10A(NC) 277VAC 20A(NO)/10A(NC) 28VDC
Insulation	Insulation Resistance	1,000M ,500VDC	1,000M ,500VDC	1,000M ,500VDC
	IP/OP	5,000VAC 50/60Hz 1min	5,000VAC 50/60Hz 1min	2,500VAC 50/60Hz 1min
Endurance	OP/OP	1,000VAC 50/60Hz 1min	1,000VAC 50/60Hz 1min	1,500VAC 50/60Hz 1min
	Electrical Endurance	100,000 ops	100,000 ops	100,000 ops
Environmental	Mechanical Endurance	10,000,000 ops	10,000,000 ops	10,000,000 ops
	Operating Temp.	-40 ~+85	-40 ~+85	-40 ~+85
Safty Standard	Operating Humid.	20-85%RH	20-85%RH	20-85%RH
	Weight	cULus, TUV, CQC	cULus, TUV, CQC	cULus, TUV, CQC
Others	Termination	Approx. 13g	Approx. 13g	Approx. 26g
	Enclosure	PCB	PCB	PCB and Quick Connect
Mounting Layout	Enclosure	Vented and Sealed type	Vented and Sealed type	Vented and Sealed type
	Diagram			
Wiring Diagram	Diagram			
	Competition	Hongfa SongChuan	HF141FF	HF115F
Type	OMRON TE Connectivity	793 G2R-E OZ	894 G2R OMI 2P	855A* G8P T9A

Catalog Product

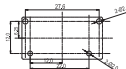
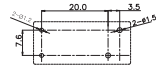
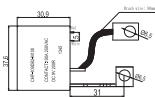


Series	CHP	
Rated Contact Current	60A/80A/100A/120A	
Dimension(L*W*H)mm	36.8 x 30.4 x 17.2	
Coil Data	Rated voltage	5-24VDC
	Coil Power	1W
Contact Data	Arrangement	1 Form A (SPST)
	Contact Resistance	2m (1A 6VDC)
	Contact Material	Ag Alloy
	Contact Rating	60A 250VAC 80A 250VAC 100A 250VAC 120A 250AC
Insulation	Insulation Resistance	1,000M ,500VDC
	IP/OP	4,000VAC 50/60Hz 1min 1,500VAC 50/60Hz 1min
Endurance	Electrical Endurance	100,000 ops
	Mechanical Endurance	10,000,000 ops
Environmental	Operating Temp.	-40 ~+85
	Operating Humid.	20-85%RH
Safety Standard	Weight	Approx. 50g
	Termination	Shunt Bar
Others	Enclosure	Vented

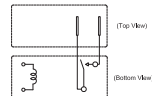
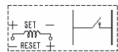
Series	CHZ02T	
Rated Contact Current	17A	
Dimension(L*W*H)mm	29.0*12.6*24.5	
Coil Data	Rated voltage	6-24VDC
	Coil Power	540mW 720mW
Contact Data	Arrangement	1 Form A (SPST)
	Contact Resistance	100m (1A 6VDC)
	Contact Material	Ag Alloy
	Contact Rating	17A 250VAC 17A 30VDC 20A 125VAC
Insulation	Insulation Resistance	1,000M ,500VDC
	IP/OP	5,000VAC 50/60Hz 1min 1,000VAC 50/60Hz 1min
Endurance	Electrical Endurance	100,000 ops
	Mechanical Endurance	10,000,000 ops
Environmental	Operating Temp.	-40 ~+85
	Operating Humid.	20-85%RH
Safety Standard	Weight	cULus, TUV, CQC
	Termination	Approx. 15g
Others	Enclosure	PCB and Quick Connect Vented

Series	CHF/CHFN	
Rated Contact Current	20A/25A	
Dimension(L*W*H)mm	30.5*16*23.5	
Coil Data	Rated voltage	6-24VDC
	Coil Power	900mW
Contact Data	Arrangement	1 Form A (SPST)
	Contact Resistance	100m (1A 6VDC)
	Contact Material	Ag Alloy
	Contact Rating	20A 250VAC 25A 250VAC
Insulation	Insulation Resistance	1,000M ,500VDC
	IP/OP	4,500VAC 50/60Hz 1min 1,000VAC 50/60Hz 1min
Endurance	Electrical Endurance	100,000 ops
	Mechanical Endurance	10,000,000 ops
Environmental	Operating Temp.	-40 ~+85
	Operating Humid.	20-85%RH
Safety Standard	Weight	cULus, TUV, CQC
	Termination	Approx. 28g
Others	Enclosure	PCB and Quick Connect Vented and Sealed type

Mounting Layout



Wiring Diagram



Competition	Hongfa
Type	SongChuan
	OMRON
	TE Connectivity

	(N/A)
	(N/A)
	(N/A)
	EW

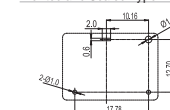
	HF62F
	302
	G5JS
	OMIF

	HF102F
	891
	G4A
	PCF

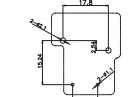
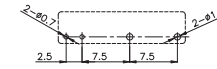
Catalog Product



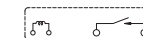
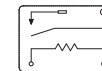
Series	CHD	
Rated Contact Current	16A	
Dimension(L*W*H)mm	22.2*16.2*11.0	
Coil Data	Rated voltage	3-48VDC
	Coil Power	200mW
Contact Data	Arrangement	1 Form A(SPST)
	Contact Resistance	100m (1A 6VDC)
	Contact Material	Ag Alloy
	Contact Rating	16A 250VAC 16A 30VDC
Insulation	Insulation Resistance	1,000M ,500VDC
	IP/OP	2,500VAC 50/60Hz 1min 750VAC 50/60Hz 1min
Endurance	Electrical Endurance	100,000 ops
	Mechanical Endurance	10,000,000 ops
Environmental	Operating Temp.	-40 ~+85
	Operating Humid.	20-85%RH
Safety Standard	Weight	cULus, TUV, CQC
	Termination	Approx. 8g
Others	Enclosure	PCB Vented and Sealed Type



Mounting Layout



Wiring Diagram



Competition	Hongfa
Type	SongChuan
	OMRON
	TE Connectivity

	HF7520
	834/201
	G5CA
	PCD

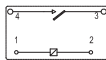
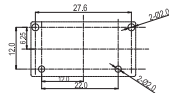
	HF49F
	(N/A)
	G6M
	PCN

	(N/A)
	(N/A)
	(N/A)
	T9S

Catalog Product

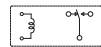
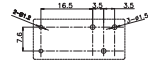


Series	CHFN Solar	
Rated Contact Current	31A	
Dimension(L*W*H)mm	30.5*16*23.5	
Coil Data	Rated voltage	12VDC
	Coil Power	1.4W
Contact Data	Arrangement	1 Form A (SPST)
	Contact Resistance	100m (1A 6VDC)
	Contact Material	Ag Alloy
	Contact Rating	31A 250VAC
Insulation	Insulation Resistance	1,000M ,500VDC
	IP/OP	4,500VAC 50/60Hz 1min
	OP/OP	2,500VAC 50/60Hz 1min
Endurance	Electrical Endurance	100,000ops
	Mechanical Endurance	10,000,000 ops
Environmental	Operating Temp.	-40 ~+85
	Operating Humid.	20~85%RH
Safty Standard	cULus, TUV, CQC	
	Weight	Approx. 26g
Others	Termination	PCB
	Enclosure	Vented and Sealed Type



Competition Type	Hongfa	HF161F
	SongChuan	(N/A)
	OMRON	(N/A)
	TE Connectivity	PCFN

Series	CHI01	
Rated Contact Current	12A	
Dimension(L*W*H)mm	29*12.7*15.7	
Coil Data	Rated voltage	5-110VDC
	Coil Power	400mW
Contact Data	Arrangement	1 Form A (SPST) 1 Form C(SPDT)
	Contact Resistance	100m @6V 1A
	Contact Material	Ag Alloy
	Contact Rating	12A 250VAC
Insulation	Insulation Resistance	1000M , 500VDC
	IP/OP	5000VAC 50/60Hz 1min
	OP/OP	1000VAC 50/60Hz, 1min
Endurance	Electrical Endurance	100,000ops
	Mechanical Endurance	10,000,000ops
Environmental	Operating Temp.	-40-85
	Operating Humid.	20-85%RH
Safty Standard	TUV, CQC, UL	
	Weight	approx. 14g
Others	Termination	PCB
	Enclosure	Vented and Sealed Type



Competition Type	Hongfa	HF115F
	SongChuan	845/888
	OMRON	G2RL
	TE Connectivity	RT

Series	CHI02	
Rated Contact Current	16A	
Dimension(L*W*H)mm	29*12.7*15.7	
Coil Data	Rated voltage	5-110VDC
	Coil Power	400mW
Contact Data	Arrangement	1 Form A (SPST) 1 Form C(SPDT)
	Contact Resistance	100m @6V 1A
	Contact Material	Ag Alloy
	Contact Rating	16A 250VAC
Insulation	Insulation Resistance	1000M , 500VDC
	IP/OP	5000VAC 50/60Hz 1min
	OP/OP	1000VAC 50/60Hz, 1min
Endurance	Electrical Endurance	100,000ops
	Mechanical Endurance	10,000,000ops
Environmental	Operating Temp.	-40-85
	Operating Humid.	20-85%RH
Safty Standard	TUV, CQC, UL	
	Weight	approx. 14g
Others	Termination	PCB
	Enclosure	Vented and Sealed Type

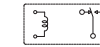
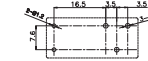


Competition Type	Hongfa	HF115F
	SongChuan	845/888
	OMRON	G2RL
	TE Connectivity	RT

Catalog Product

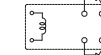
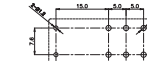


Series	CHI03	
Rated Contact Current	16A	
Dimension(L*W*H)mm	29*12.7*15.7	
Coil Data	Rated voltage	5-110VDC
	Coil Power	400mW
Contact Data	Arrangement	1 Form A (SPST) 1 Form C(SPDT)
	Contact Resistance	100m @6V 1A
	Contact Material	Ag Alloy
	Contact Rating	16A 250VAC
Insulation	Insulation Resistance	1000M , 500VDC
	IP/OP	5000VAC 50/60Hz 1min
	OP/OP	1000VAC 50/60Hz, 1min
Endurance	Electrical Endurance	100,000ops
	Mechanical Endurance	10,000,000ops
Environmental	Operating Temp.	-40-85
	Operating Humid.	20-85%RH
Safty Standard	TUV, CQC, UL	
	Weight	approx. 14g
Others	Termination	PCB
	Enclosure	Vented and Sealed Type

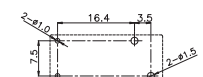


Competition Type	Hongfa	HF115F
	SongChuan	845/888
	OMRON	G2RL
	TE Connectivity	RT

Series	CHI05	
Rated Contact Current	8A	
Dimension(L*W*H)mm	29*12.7*15.7	
Coil Data	Rated voltage	5-110VDC
	Coil Power	400mW
Contact Data	Arrangement	2 Form A & 2 Form C
	Contact Resistance	100m @6V 1A
	Contact Material	Ag Alloy
	Contact Rating	8A 250VAC
Insulation	Insulation Resistance	1000M , 500VDC
	IP/OP	5000VAC 50/60Hz 1min
	OP/OP	1000VAC 50/60Hz, 1min
Endurance	Electrical Endurance	100,000ops
	Mechanical Endurance	10,000,000ops
Environmental	Operating Temp.	-40-85
	Operating Humid.	20-85%RH
Safty Standard	TUV, CQC, UL	
	Weight	approx. 14g
Others	Termination	PCB
	Enclosure	Vented and Sealed Type



Competition Type	Hongfa	HF115F
	SongChuan	845/888
	OMRON	G2RL
	TE Connectivity	SDT



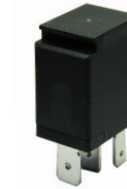
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	SongChuan	(N/A)
	OMRON	G5PA-1
	TE Connectivity	SDT

Catalog Product



Series	CHSC	CHSM	CHSZ
Rated Contact Current	1A	2A	1A
Dimension(L*W*H)mm	12.3*7.4*10	20*10*11	15.5*11*11.5
Coil Data	Rated voltage	3-24VDC	5-24VDC
	Coil Power	150mW/300mW	200mW/360mW/450mW
Contact Data	Arrangement	1 Form A (SPST) 1 Form C(SPDT)	2 Form C
	Contact Resistance	50m @6V 100mA	50m @6V 10mA
	Contact Material	Ag Alloy	Ag Alloy
	Contact Rating	1A 30VDC	2A 30VDC
Insulation	Insulation Resistance	100M , 500VDC	1000M , 500VDC
	IP/OP	1000VAC 50/60Hz 1min	1000VAC 50/60Hz 1min
	OP/OP	400VAC 50/60Hz, 1min	500VAC 50/60Hz, 1min
Endurance	Electrical Endurance	100,000ops	100,000ops
	Mechanical Endurance	10,000,000ops	10,000,000ops
Environmental	Operating Temp.	-40-85	-40-85
	Operating Humid.	20-85%RH	20-85%RH
Safty Standard	UL	UL	UL
Others	Weight	approx. 3g	approx. 5g
	Termination	PCB	PCB
	Enclosure	Vented and sealed	Vented and sealed
Mounting Layout			
	Competition	Hongfa SongChuan	HFD27F
Type	G5V-1 TSC	G5V-2 MT2	OUAZ

Catalog Product



Series	CHAA	CHAF	CHAK
Rated Contact Current	30A	40A-80A	40A
Dimension(L*W*H)mm	23*15.4*24.8	26.2*26.2*23.7	25.6*19.6*21.2
Coil Data	Rated voltage	12VDC, 24VDC	12VDC, 24VDC
	Coil Power	1.5W	1.6W
Contact Data	Arrangement	1 Form A (SPST) 1 Form C(SPDT)	1 Form A
	Contact Resistance	100m @6V 1A	100m @6V 1A
	Contact Material	Ag Alloy	Ag Alloy
	Contact Rating	30A 14VDC	40A-80A 14VDC
Insulation	Insulation Resistance	500M , 500VDC	500M , 500VDC
	IP/OP	500VAC 50/60Hz 1min	500VAC 50/60Hz 1min
	OP/OP		
Endurance	Electrical Endurance	100,000ops	100,000ops
	Mechanical Endurance	10,000,000ops	10,000,000ops
Environmental	Operating Temp.	-40-125	-40-125
	Operating Humid.	20-85%RH	20-85%RH
Safty Standard			
Others	Weight	approx. 19g	approx. 29g-31.5g
	Termination	Plug-in	PCB&Plug-in
	Enclosure	Vented	Vented and Sealed
Mounting Layout			
	Competition	Hongfa SongChuan	HFV4/HFV7
Type	Micro A(V23074)	VF4/VF7	Power K(V23076)