

OUTPUT MODULE

	Item	AC Output module	DC Output module	Remarks
INPUT side	Operate voltage range	±20% of nominal voltage		
	Must operate voltage	80% of nominal voltage		
	Must release voltage	1VDC		
	Max. input current	25mA (at 120% of Nominal Voltage)		
OUTPUT side	Load voltage range	75 to 280VAC	3 to 30VDC	
	Max. load current	1.0A	1.0A	see CHARACTERISTIC DATA
	Max. surge current (10ms)	5A	2A	
	Max. off-State leakage current	0.1mA	0.1mA	
	Max.on-state voltage drop	1.5Vrms	1.5Vrms	at max. load current
	Max. turn-on time	1ms		
	Max. turn-off time	1/2 cycle+1ms	1ms	
	Insulation resistance	1000MΩ (at 500VDC)		for input-output
	Dielectric strength	2500VAC, 50Hz/60Hz, 1min		
	Operating temperature range	-30°C to 80 °C		
	Storage temperature range	-30°C to 100 °C		
	Case color	Black	Red	
	Unit weight	Approx. 3.5g		

ORDERING INFORMATION

Input module	AC type	HFS8 /	110	A-	05	D	(XXX)
Type							
Input voltage		110: 110V 240: 240V					
Input voltage form		A: AC					
Output voltage		05: 5V					
Output voltage form		D: DC					
Customer special code		Only for special requirements, e.g. (555) stands for RoHS compliant					

Notes: HFS8 is an environmental friendly product, please mark special code (555) when order.

Input module	DC type	HFS8 /	12	D-	05	D	(XXX)
Type							
Input voltage		12: 12V 24: 24V					
Input voltage form		D: DC					
Output voltage		05: 5V					
Output voltage form		D: DC					
Customer special code		Only for special requirements, e.g. (555) stands for RoHS compliant					

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Output module	AC type	HFS8 /		05	D-	240	A	1	(XXX)
Type									
Input voltage		05: 5V	12: 12V	24: 24V					
Input voltage form		D: DC							
Load voltage		240: 240V							
Load voltage form		A: AC							
Load current		1: 1A							
Customer special code		Only for special requirements, e.g. (555) stands for RoHS compliant							

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Output module	DC type	HFS8 /		05	D-	30	D	1	T	(XXX)				
Type														
Input voltage		05: 5V	12: 12V	24: 24V										
Input voltage form		D: DC												
Load voltage		30: 30V												
Load voltage form		D: DC												
Load current		1: 1A												
Output component					T: Transistor output									
Customer special code		Only for special requirements, e.g. (555) stands for RoHS compliant												

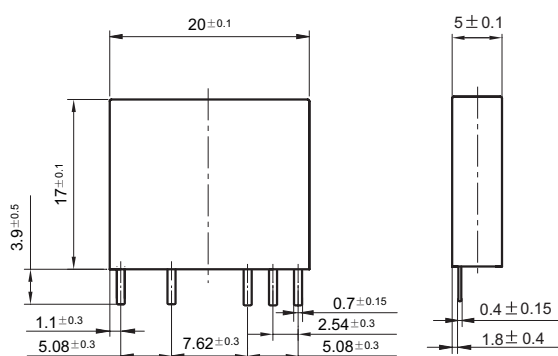
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OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

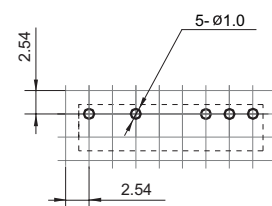
Unit: mm

Input module

Outline Dimensions

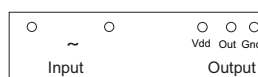


PCB Layout
(Bottom view)

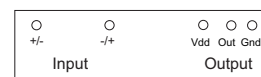


Wiring Diagram
(Bottom view)

AC input type



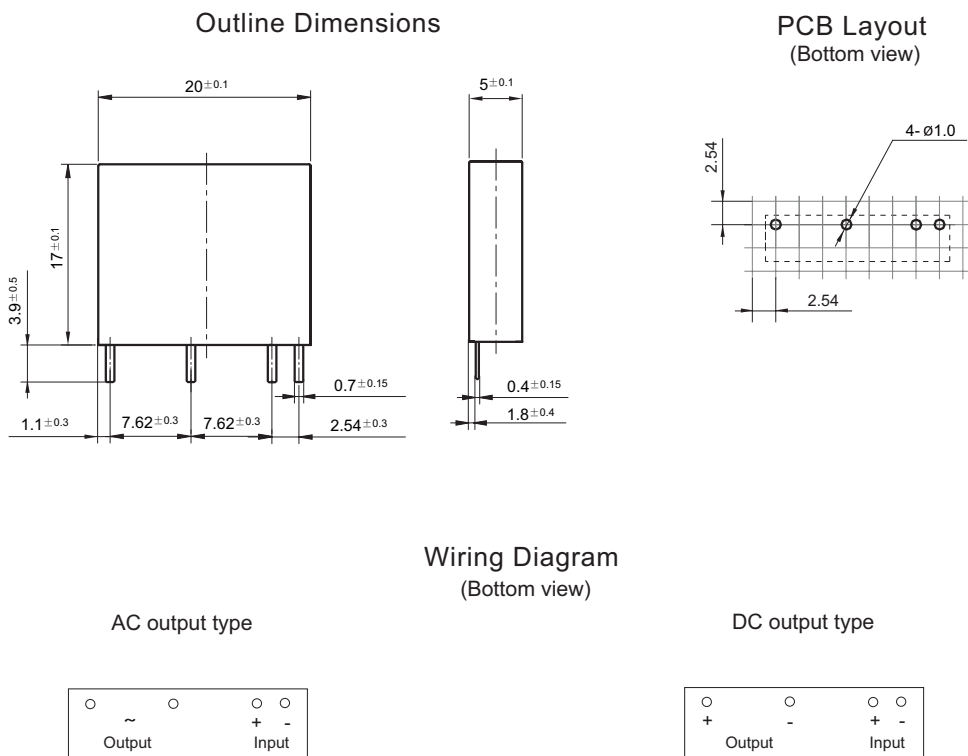
DC input type



OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT

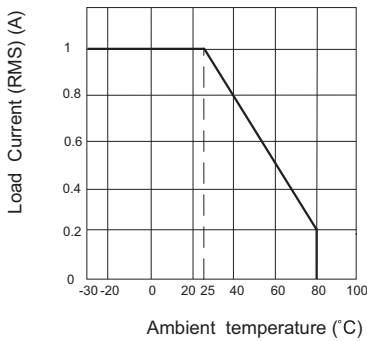
Unit: mm

Output module



CHARACTERISTIC CURVES

Max. Load Current vs. Ambient Temperature (Output module)



Disclaimer

This datasheet is for the customers' reference. All the specifications are subject to change without notice. We could not evaluate all the performance and all the parameters for every possible application. Thus the user should be in a right position to choose the suitable product for their own application. If there is any query, please contact Hongfa for the technical service. However, it is the user's responsibility to determine which product should be used only.