





Model and Description

Model	HHD11-A	HHD11-B	HHD11-C	HHD11-D
Protection function	Phase sequence	Phase sequence Phase failure Unbalance of 3-phase voltage	Phase sequence Phase failure Unbalance of 3-phase voltage Over voltage Under voltage	Phase sequence Phase failure Unbalance of 3-phase voltage Over voltage(Adjustable) Under voltage(Adjustable)
Indication function	Working, Phase sequence	Working Phase failure Phase sequence	Working Phase failure Phase sequence Over voltage Under voltage	Working, Phase failure, Over voltage Under voltage
Contact	1NO+1NC			
Picture				

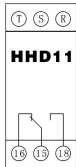
Specification

Model		HHD11-A	HHD11-B	HHD11-C	HHD11-D
Supply Power		3-phase 380V 50Hz, operating voltage range is 85%~110% Ue.			
Protection function	Phase failure	/	YES	YES	YES
	Phase sequence	YES	YES	YES	YES
	Unbalance of 3-phase voltage	/	50~75V of any 2-phase	50~75V of any 2-phase	50~75V of any 2-phase
	Over voltage	/	/	445~465V	400~460V(Adjustable)
				3~5s	1~10s(Adjustable)
	Under voltage	/	/	290~310V	300~360V(Adjustable)
				3~5s	1~10s(Adjustable)
Option time	Phase failure	3s~5s			
	Phase sequence	≤0.2s			
Rated load of the contact		3A AC220V (Resistive load)			
Electrical life		100,000 times			
Installation		Surface mounting or 35mm DIN rail			

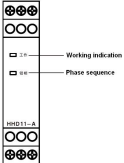
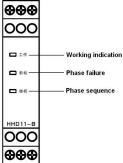
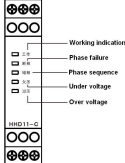
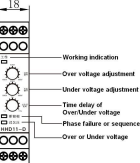
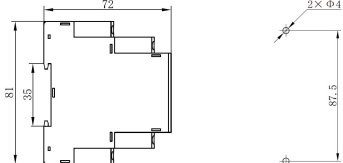
Note:

Unbalance of 3-phase voltage: When the unbalance voltage of any two phase is 50~75V, protect the relay reliable action.

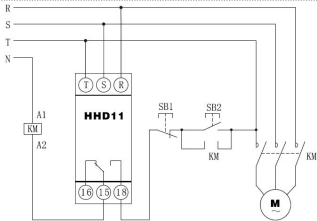
Wiring Diagram




Dimension(mm) and Installation

HHD11-A	HHD11-B	HHD11-C	HHD11-D	Installation
				

Application



Note:

- KM is AC220V alternating current contactor; (A1, A2) is its coil terminal
-  is AC motor
- SB1, SB2 is pause, start push button