

## DIN-Rail Type Panel Meter



### DC Voltmeters

Model:HH-C45V

Accuracy:Class 1.5

Specification:20V 30V 50V 100V 150V 200V  
250V 300V 450V 600V 1000V

Measuring ranges over 450V with external resistor(rated current 5mA)}

Heat resistance:case of non-combustible phastic material.

Mounting type:DIN rail



### AC Voltmeters

Model:HH-F45V

Accuracy:Class 1.0

Specification:30V 50V 75V 120V 150V 250V 400V  
450V 500V 600V

For 450V-450KV ,meters can use potential transformer with secondary voltage 100V.

Heat resistance :case of non-combustible plastic material

Mounting type:DIN rail



### Frequency Meters

Model:HH-F45V

Accuracy:class 1.0

Specification:Voltmeter:100V 220V 380V  
440V

Frequency:45-55Hz 45-65Hz 47-63Hz 57-  
63Hz 44-56Hz 54-66Hz 350-450Hz 450-  
550Hz 550-650Hz

Heat resistance:case of non-combustible plastic material.

Mounting type:Dln rail



### DC Ammeters

Model:HH-T45A

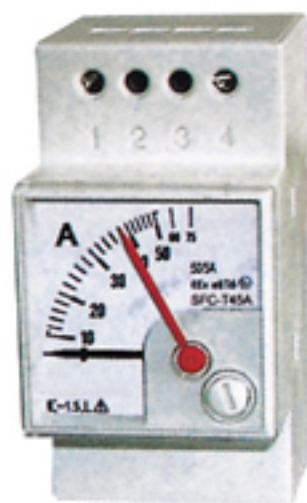
Accuracy:class 1.5

Specification:100μA 500μA 1mA 3mA 5mA 10mA  
20mA 30mA 50mA 100mA 150mA 200mA 250mA  
300mA 500mA 1A 3A 7.5A 10A 15A 20A

For 10A-10KA use external 75mV 60mV or 45mV/secondary current 5A.For the direct reading from 20A shunt.For the driect reading from 20A to 60A meter the class is 2.5A

Heat resistance:case of non-combustible plastic material

Changeable scale:The dial plate with the same scale divison ,which is at the same internal value can be changeable.



### AC Ammeters

Model:HH-T45A

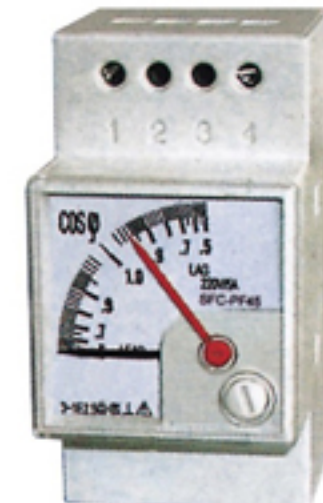
Accuracy:Class 1.5 2.5

Specification:0.1A 0.5A 1A 7.5A 10A 15A 20A 30A

For 10-10KA ,use external current tranformer with secondary current 5A.For the direct reading from 20A to 60A meter ,the class is 2.5.

Heat resistance:case of non-combustible plastic material

Changeable scale:All scales with pringing technique ,The dial plate with the same scale division ,which is at the same division and inter-nal value ,can be changeable.



### Power Factor Meter cosφ

Model:HH-PF45

Accuracy:class 2.5

Single phase:100V 220V 380V 440V  
Current:5A

Three phase:100V 220V 380V 440V  
Current:5A

Specification:0.5cap-1-0.5ind 0.3cap-1-  
0.7ind 0.4cap-1-0.4ind 0.7-1-0.2ind

Heat resistance:case of non-combustible plastic material.

Frequency:50Hz or 60Hz

Mounting type:DIN rail