

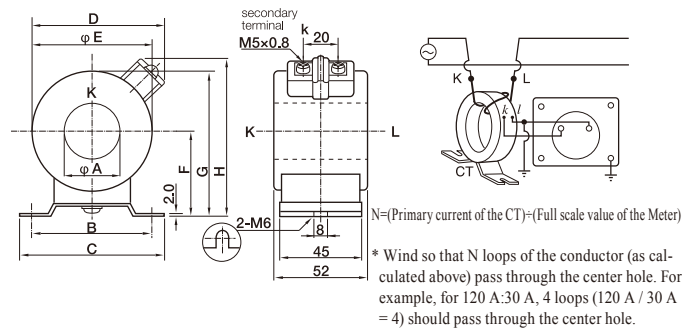
Expand Input Range for Use with Meter Relays (50/60 Hz, 1.0 % class)

CURRENT TRANSFORMER CT-5MRN series



Not CE Marked

■ Dimensions and connecting diagrams



■ Basic specifications

Model	Primary	Secondary	Rated load	Class	Max. rated voltage
CT-5MRN100	100 A	5 A	5 VA	1.0 %	1150 V
CT-5MRN120	120 A	5 A	5 VA	1.0 %	1150 V
CT-5MRN150	150 A	5 A	5 VA	1.0 %	1150 V

Order Code: CT-5MRN100 (100 A)
CT-5MRN120 (120 A)
CT-5MRN150 (150 A)

■ Dimensions table

Symbol	φ A	B	C	D
Length	23 mm (0.91 in)	70 mm (2.76 in)	85 mm (3.35 in)	68 mm (2.68 in)
Symbol	φ E	F	G	H
Length	60 mm (2.36 in)	45 mm (1.77 in)	75 mm (2.95 in)	83 mm (3.27 in)

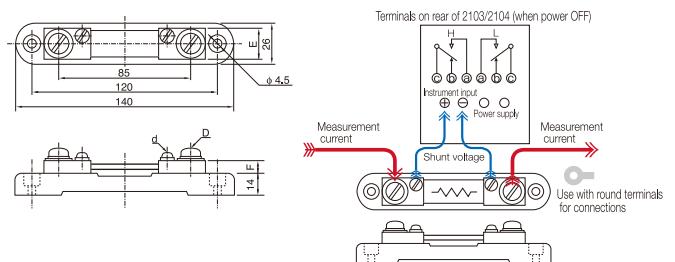
Expand Current Range for Use with the 50 mV full scale meter (50/60 Hz, 0.5 % class)

EXTERNAL SHUNT HS-1 series



Not CE Marked

■ Dimensions and connecting diagrams



- Expand current range for the Meter Relay, or a switchboard meter
- Combination use with the 50 mV meter

■ Basic specifications

Model	Rated current	Class
HS-1-30	30 A	±0.5 % at 80 % of rated current 60 °C or less around temperature
HS-1-50	50 A	
HS-1-75	75 A	
HS-1-100	100 A	
HS-1-150	150 A	
HS-1-200	200 A	±0.5 % at 0 A to 200 A ±1.0 % at 200 A to 240 A 60 °C or less around temperature
HS-1-300	300 A	

The total resistance of the connection cord must be 0.1 Ω or less

Order Code: HS-1-30 (30 A)
HS-1-50 (50 A)
HS-1-75 (75 A)
HS-1-100 (100 A)
HS-1-150 (150 A)
HS-1-200 (200 A)
HS-1-300 (300 A)

Note: These products are built-to-order so please confirm specifications and delivery time with your local HIOKI distributor.

■ Dimensions table

Symbol	E	F	d	D
HS-1-30	20 mm (0.79 in)	6 mm (0.24 in)	M4 mm	M5 mm
HS-1-50	20 mm (0.79 in)	8 mm (0.31 in)	M4 mm	M8 mm
HS-1-75	20 mm (0.79 in)	8 mm (0.31 in)	M4 mm	M8 mm
HS-1-100	20 mm (0.79 in)	15 mm (0.59 in)	M5 mm	M8 mm
HS-1-150	20 mm (0.79 in)	15 mm (0.59 in)	M5 mm	M8 mm
HS-1-200	25 mm (0.98 in)	15 mm (0.59 in)	M5 mm	M10 mm
HS-1-300	25 mm (0.98 in)	15 mm (0.59 in)	M5 mm	M10 mm