

WATT-HOUR METER

SINGLE-PHASE AND POLY-PHASE



High quality certified by ISO 9001 ◀

High reliability based on long experience ◀

High accuracy supported by **MITSUBISHI ELECTRIC** ◀

Long life assured by selected material ◀

Easy maintenance from simple and rigid construction ◀

WATT-HOUR METER

THREE-PHASE 4-WIRE



MH-96

DIRECT-CONNECTED TYPE



MH-96HV

SWITCHBOARD TYPE



MH-96H

CT-OPERATED TYPE

THREE-PHASE 4-WIRE

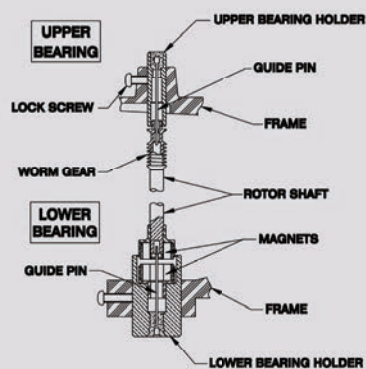
SPECIFICATION

DESCRIPTION	OUTDOOR	INDOOR		
TYPE	MH-96E	MH-36(E), MH-96(E)	MH-96H	MH-96HV
STANDARD	TIS 2336-2552, TIS 1030-2552, IEC 62052-11, IEC 62053-11			
ACCURACY CLASS	CLASS 2			
REFERENCE VOLTAGE	220/380V, 230/400V			
REFERENCE FREQUENCY	50Hz			
REFERENCE CURRENT	DIRECT TYPE 15(45)A, 30(100)A	DIRECT TYPE 15(45)A, 30(100)A, 50(150)A	CT TYPE 5(6)A	CT TYPE ONLY 5(6)A
BASE	STEEL WITH POWDER COATING	INSULATED PLASTIC		
COVER	STEEL WITH POWDER COATING	INSULATED PLASTIC		
TERMINAL COVER	EXTENDED TYPE	SHORT or EXTENDED TYPE		AVAILABLE
REGISTER	NORMAL TYPE 5 DIGITS DRUM (CYCLOMETER), ENGINEERING PLASTIC or ALUMINIUM			NORMAL TYPE, ENGINEERING PLASTIC ONLY
LOWER BEARING	DOUBLE JEWEL or MAGNETIC			
MAX. CONDUCTOR SIZE	35 mm ²	16 mm ² , 35 mm ² , 50 mm ²	6 mm ²	10 mm ²
CONNECTION	FRONT BOTTOM CONNECTION			BACK CONNECTION

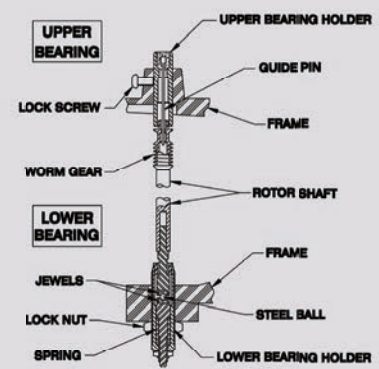
TYPE DESIGNATION

M		H		9		6		H		V	
Symbol	Description			Symbol	Description			Symbol	Description		
M	Identity of Mitsubishi			9	Double Jewel			None	Direct-connected		
				3	Magnetic			H	CT - operated		
								E	Extended terminal cover		
Symbol	Description			Symbol	Description						
H	Three-Phase 4-Wire			6	Serial Number						

BEARING

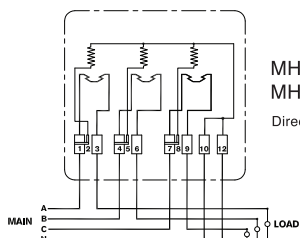


MAGNETIC

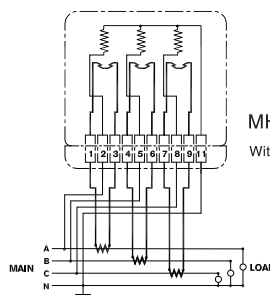


DOUBLE JEWEL

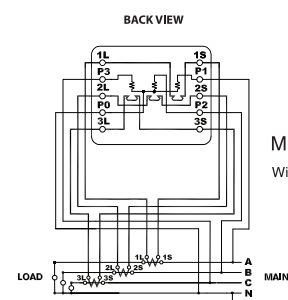
CONNECTION DIAGRAM



MH-96, MH-96E,
MH-36E
Direct connection

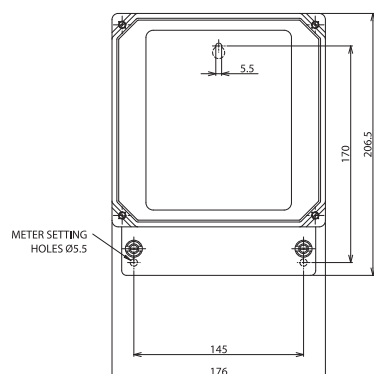


MH-96H
With current transformer



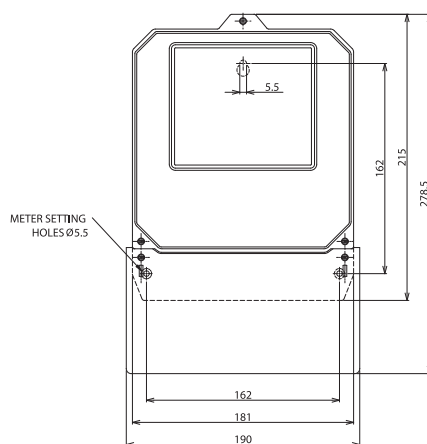
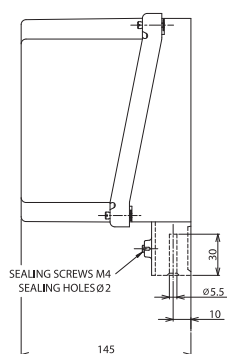
MH-96HV
With current transformer

OUTLINE DIMENSION



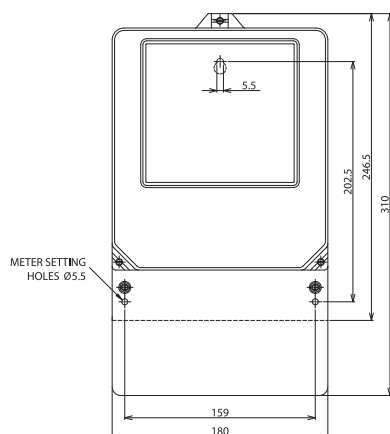
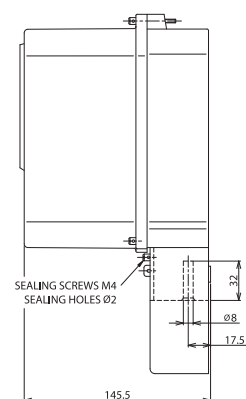
Type MH-96H

The insulated plastic case : Max. 5A
CT - operated type Net weight : 3.0 kg



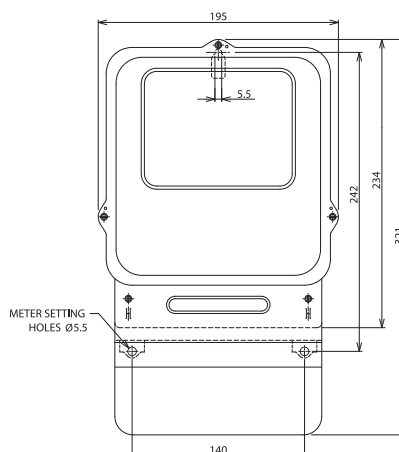
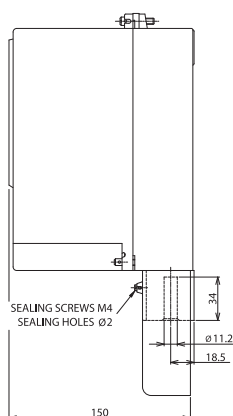
Type MH-96(E), MH-36(E)

The insulated plastic case : Max. 100A
Net weight : 4.0 kg



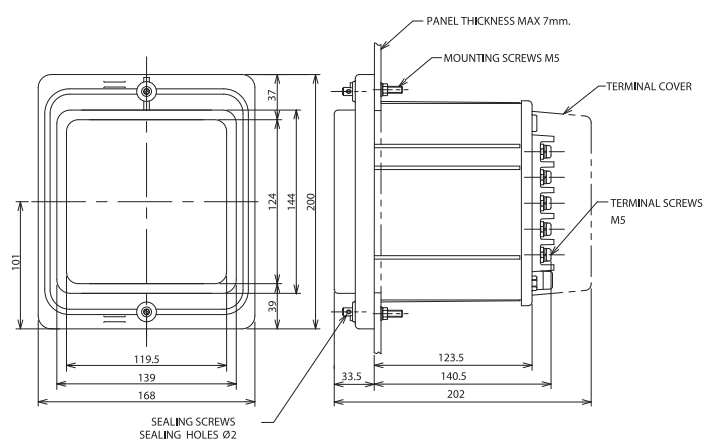
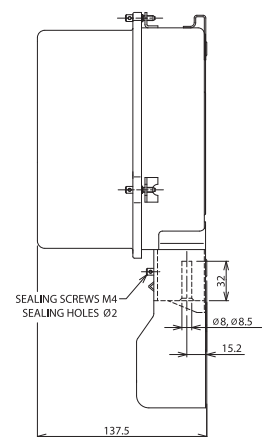
Type MH-96(E), MH-36(E)

The insulated plastic case : Max. 160A
Net weight : 4.5 kg



Type MH-96E

The metal case : Max. 100A
Net weight : 4.1 kg



Type MH-96HV

The insulated plastic case : Max. 10A
CT - operated type Net weight : 2.7 kg

(unit : mm)

WATT-HOUR METER

SINGLE-PHASE 2-WIRE

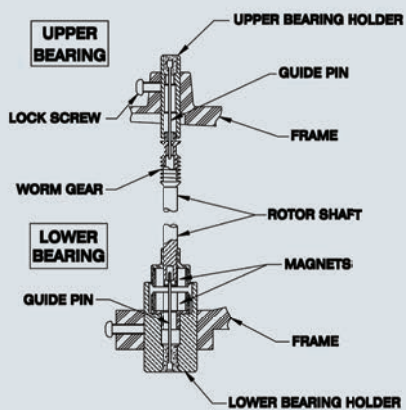


SPECIFICATION

SINGLE-PHASE 2-WIRE

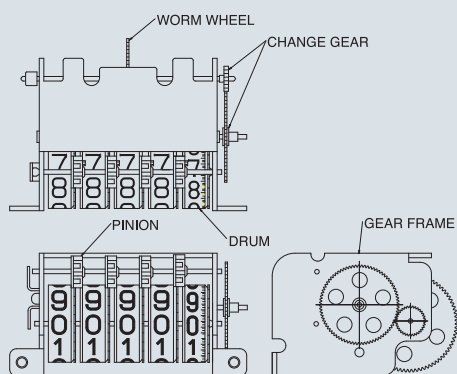
DESCRIPTION	WEATHER PROOF (can be used outdoor without meter box)
TYPE	MF-33E
STANDARD	TIS 2336-2552, TIS 1030-2552, IEC 62052-11, IEC 62053-11
ACCURACY CLASS	CLASS 2
REFERENCE VOLTAGE	220V, 230V
REFERENCE FREQUENCY	50Hz
REFERENCE CURRENT	5(15)A, 15(45)A, 30(100)A, 50(150)A
BASE	STEEL WITH POWDER COATING
COVER	TRANSPARENT HARD GLASS COVER
TERMINAL COVER	EXTENDED TYPE
REGISTER	5 DIGITS DRUM (CYCLOMETER), ENGINEERING PLASTIC or ALUMINIUM
LOWER BEARING	MAGNETIC
MAX. CONDUCTOR SIZE	10 mm ² , 16 mm ² , 35 mm ² , 50 mm ²
BARCODE	BARCODE NUMBERING ARE AVAILABLE

BEARING



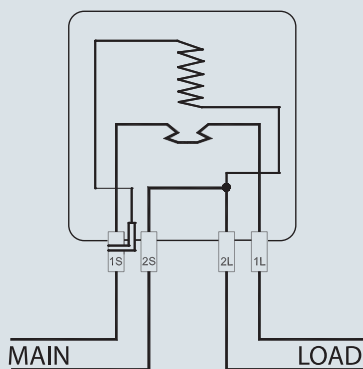
MAGNETIC

REGISTER

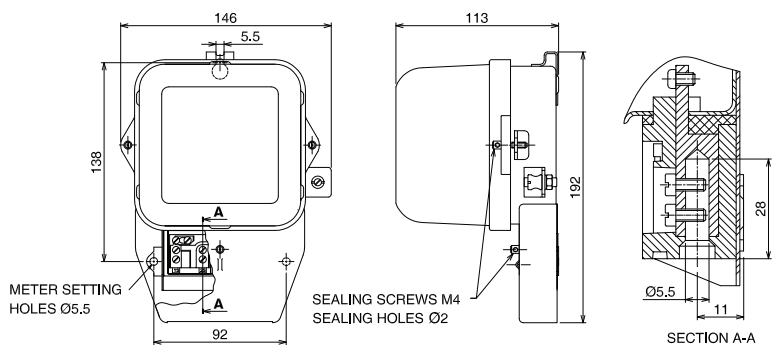


NORMAL TYPE

CONNECTION DIAGRAM

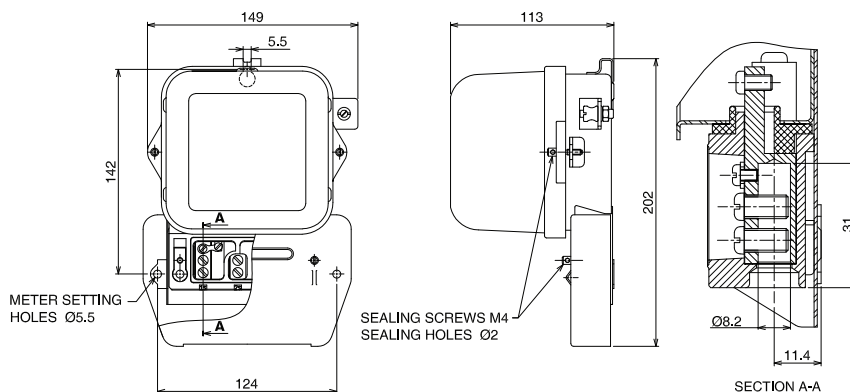


OUTLINE DIMENSION



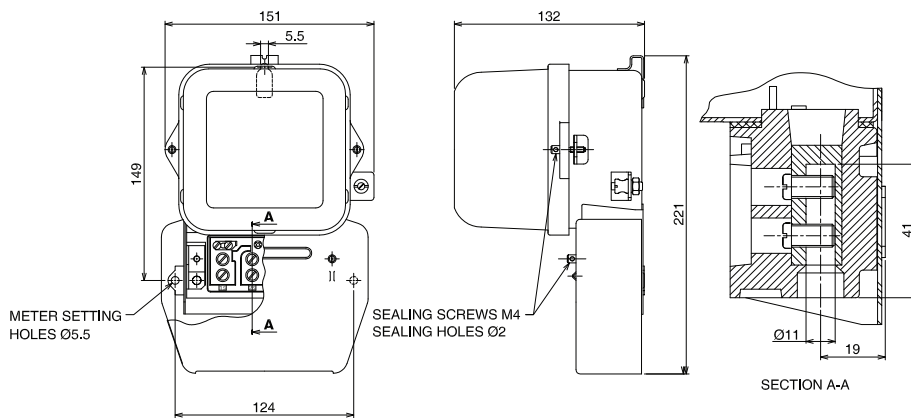
Type MF-33E

The metal case : Max 45 A Net weight : 1.63 kg



Type MF-33E

The metal case : Max 100 A Net weight : 1.90 kg



Type MF-33E

The metal case : Max 150 A Net weight : 2.32 kg