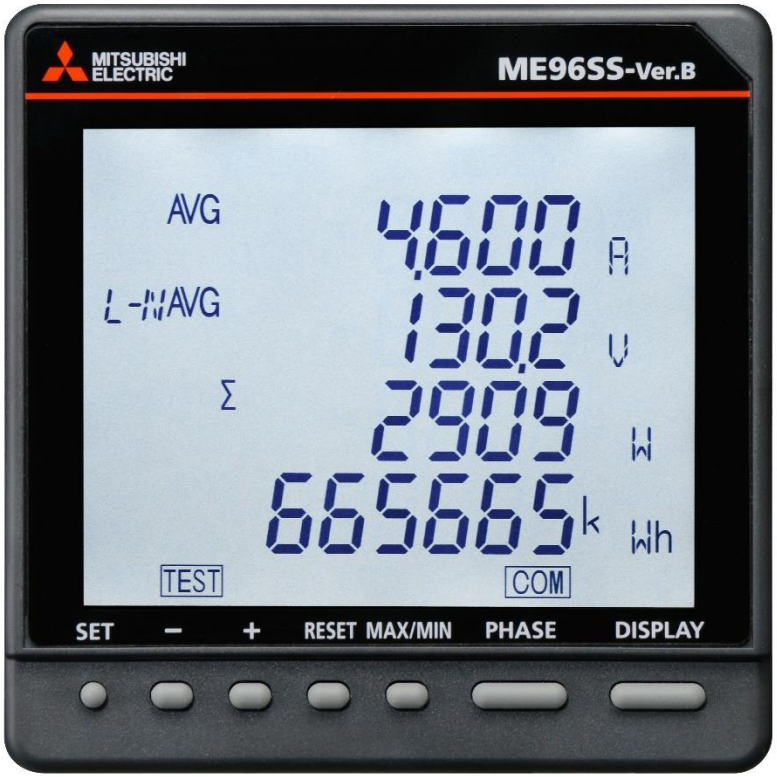
ME96SS Ver.B Series

MITSUBISHI ELECTRIC CORPORATION



MITSUBISHI ELECTRIC
Changes for the Better

ME96SS Ver.B Series

1.Specifications

Items		Current model			New model		
		ME96SSEA-MB	ME96SSRA-MB	ME96SSHA-MB	ME96SSEB-MB	ME96SSRB-MB	ME96SSHB-MB
Dimensions H x W x D		96 x 96 x 90(mm)			96 x 96 x 36(mm)	96 x 96 x 90(mm)	
Screen display		6 digits x 3lines 1 bar graph				4 digits x 3lines 6 digits x 1lines	※No bar graph
Wide viewing angle LCD		-	-	-	-	○	○
Measurement item	A,V	±0.5%	±0.2%	±0.1%	±0.5%	±0.2%	±0.1%
	W	±0.5%	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	var	—	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	VA	—	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	PF	±0.5%	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	Hz	±0.2%	±0.1%	±0.1%	±0.2%	±0.1%	±0.1%
	Wh	class0.5S	class0.5S	class0.5S	class0.5S	class0.5S	class0.5S
	varh	—	class1S	class1S	class1S	class1S	class1S
	VAh	—	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%
	Harmonic (A,V)	Total (2^{nd} to 19^{th})	Total (2^{nd} to 19^{th}), Individual (1^{st} to 19^{th}, odd only)	Total (2^{nd} to 31^{st}), Individual (1st to 31st, odd only)	Total (2^{nd} to 19^{th})	Total (2^{nd} to 19^{th}), Individual (1^{st} to 19^{th}, odd only)	Total (2^{nd} to 31^{st}), Individual (1st to 31st, odd only)
Demand function		A(thermal)	A(thermal), W,var,VA (rolling, fix)	A(thermal), W,var,VA (rolling, fix)	A(thermal)	A(thermal), W,var,VA (rolling, fix)	A(thermal), W,var,VA (rolling, fix)
Internal logging		-	-	-	-	256kB	256kB
Incorrect wiring determination support function		-	-	-	○	○	○

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2.Outline

ME96SSEB-MB

ME96SSRB-MB/ME96SSHB-MB

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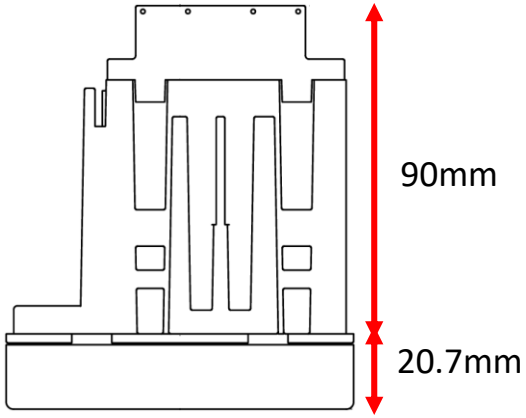
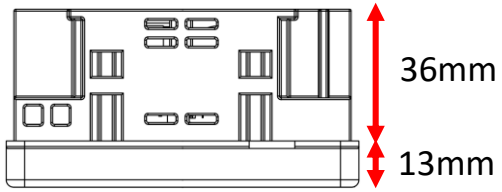
3. Compact size (ME96SSEB-MB)

Current model



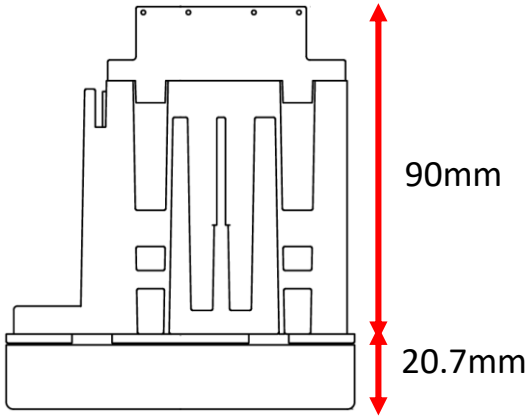
ME96SSEA-MB

New model

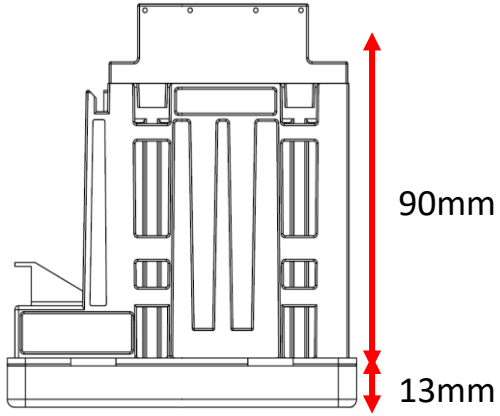


ME96SSEB-MB

It contributes to space saving!



ME96SSRA-MB
ME96SSHA-MB



ME96SSRB-MB
ME96SSHB-MB

It is almost same size.

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4. Measurable items increased (ME96SSEB-MB)

A,V,W,PF,Hz,Wh + var, VA, varh, VAh

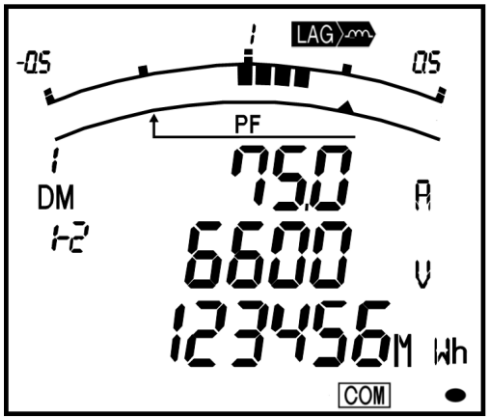
The range of application is expanded!

Items		Current model			New model		
		ME96SSEA-MB	ME96SSRA-MB	ME96SSHA-MB	ME96SSEB-MB	ME96SSRB-MB	ME96SSHB-MB
Measurement item	A,V	±0.5%	±0.2%	±0.1%	±0.5%	±0.2%	±0.1%
	W	±0.5%	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	var	—	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	VA	—	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	PF	±0.5%	±0.5%	±0.2%	±0.5%	±0.5%	±0.2%
	Hz	±0.2%	±0.1%	±0.1%	±0.2%	±0.1%	±0.1%
	Wh	class0.5S	class0.5S	class0.5S	class0.5S	class0.5S	class0.5S
	varh	—	class1S	class1S	class1S	class1S	class1S
	VAh	—	±2.0%	±2.0%	±2.0%	±2.0%	±2.0%
	Harmonic (A,V)	Total (2^{nd} to 19^{th})	Total (2^{nd} to 19^{th}), Individual (1^{st} to 19^{th}, odd only)	Total (2^{nd} to 31^{st}), Individual (1st to 31st, odd only)	Total (2^{nd} to 19^{th})	Total (2^{nd} to 19^{th}), Individual (1^{st} to 19^{th}, odd only)	Total (2^{nd} to 31^{st}), Individual (1st to 31st, odd only)
Demand function		A(thermal)	A(thermal), W,var,VA (rolling, fix)	A(thermal), W,var,VA (rolling, fix)	A(thermal)	A(thermal), W,var,VA (rolling, fix)	A(thermal), W,var,VA (rolling, fix)

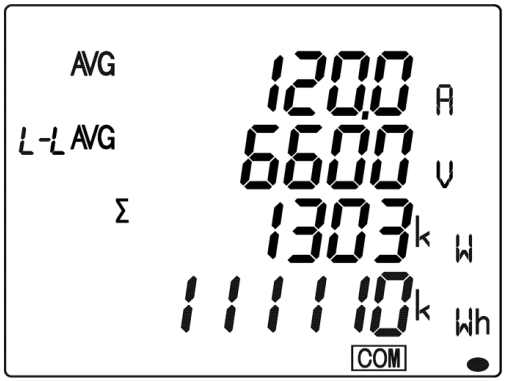
ME96SS Ver.B Series

5. Four-items can be displayed (ME96SSEB-MB,ME96SSRB-MB,ME96SSHB-MB)

Current model



New model



4 values can be displayed at the same time!

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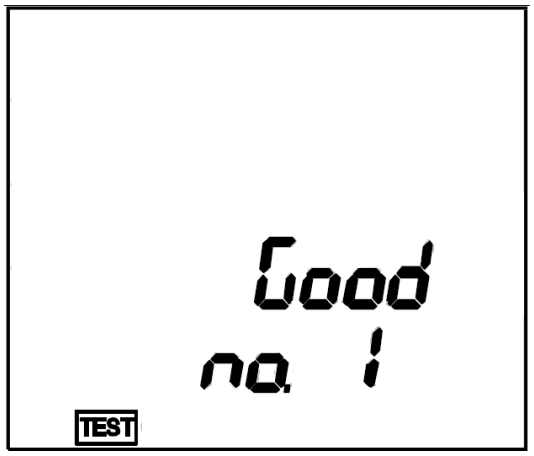
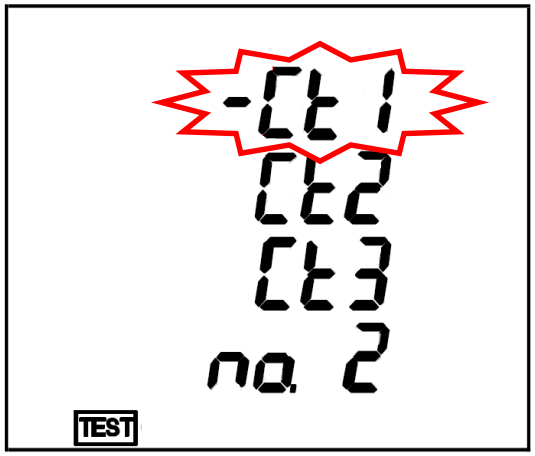
6. Incorrect wiring determination support function (ME96SSEB-MB,ME96SSRB-MB,ME96SSHB-MB)

New model

Test mode



Normal



Connection of CT1 is reversed

Wiring confirmation is possible!

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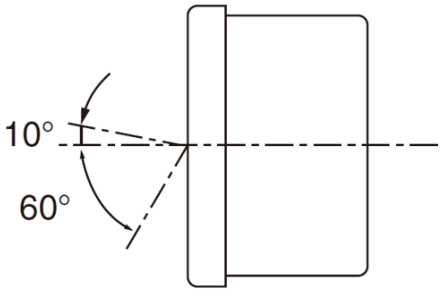
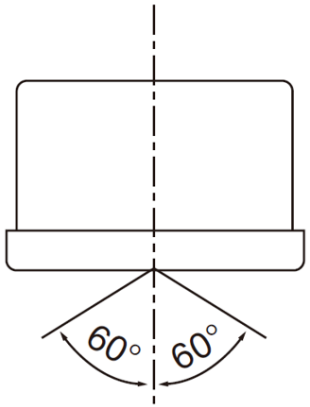
7. Wide viewing angle LCD(reference) (ME96SSRB-MB/ME96SSHB-MB)

Current model

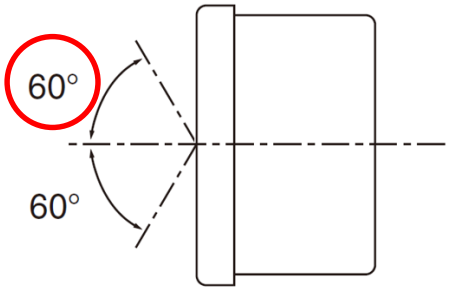


(Side view)

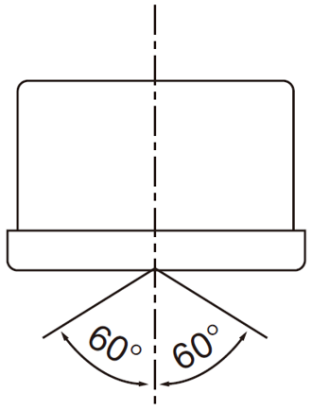


(Overhead view)

New model



(Side view)



(Overhead view)

Installation position is not restricted!

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8. Internal logging function(ME96SSRB-MB/ME96SSHB-MB)

Item		Specifications
Logging mode		Automatic refresh (Automatic overwrite/refresh)
Amount of logging element	Measurement data	Integrated value data: Max. of 5elements Other measured value data: Max. of 15elements
	Alarm data	Max. of 4 elements
	MAX/MIN value data	19 elements
Intenal memory Logging period	Measurement data	Cycle:15min - 30days Cycle:30min - 60days Cycle:60min - 120days
	Alarm data	100 records
	MAX/MIN value data	1 record (For each MAX/MIN items)
System log data		100 records
Logging data acquisition method		MODBUS RTU

It is useful for data backup !

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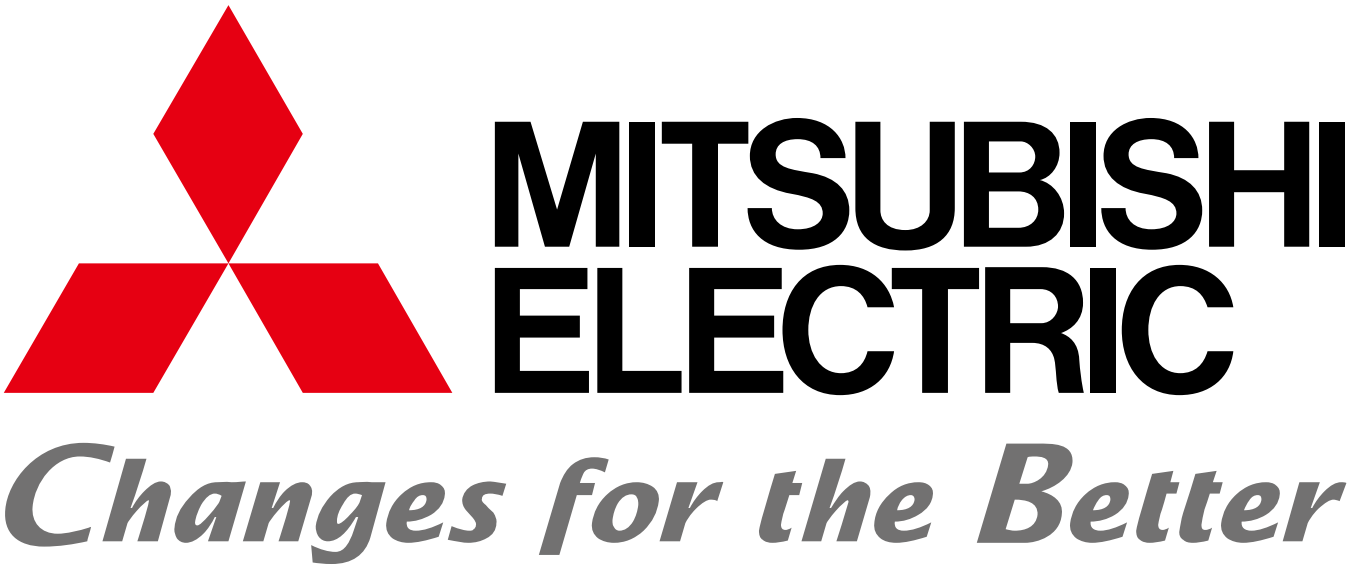
9.Others (ME96SSRB-MB/ME96SSHB-MB)

Items	Current model	New model
Periodic active energy	2term	3term
Measuring function of demand value	・Last demand value	・Present demand value ・Predicted demand value ・Last demand value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