

Digital Electricity Meter LD/LM Series



Electric Equipment



LS Industrial system digital watt hour meter

The best technique of LS realize the substitution of electronic meter generation.



<LD Series>



<LM Series>

● High reliable CPU

The CPU of watt hour meter is same as humans brain. LS industrial system selects the world best CPU.

● Fully Made In Korea

LS industrial system is only made in Korea. LS power meter is not OEM, SKD product from china or South east Asia.

● Maximum 60mm² cable connection (LD series)

It's possible to connect 60mm² cable, so that heating damage probability will be reduced. (120A)

● Large LCD

It is very easy to check inspection value due to the large LCD.

● Current detection by CT method

Better insulation and inner surge characteristic can get more reliability.

● Inspection data storage

LS industrial system's watt hour meter can store forever, because there is non-flash memory inside.

● Compact size, high accuracy realization

Although the size minimize more 58% than static meter, accuracy is more 2 times than static one.

LS Digital W-meter increases space application by minimizing size, has various types and reliability by easy maintenance.



● Various model

It's possible to do remote inspection by various standard, pulse output, remote inspection type. Especially, remote inspection product is composed of communication module. So it's possible to do remote inspection gas, water, heating water, thermal capacity, air conditioning facility meter.

● Left/right product conversion (LD series)

It's possible to use as one product without difference of Left/Right type. It can be used without concerning power supply direction.

● Best A/S

LSIS always provides best A/S to our customer, we make the customer

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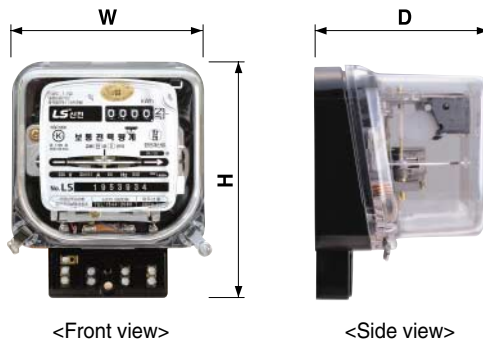
LD Series



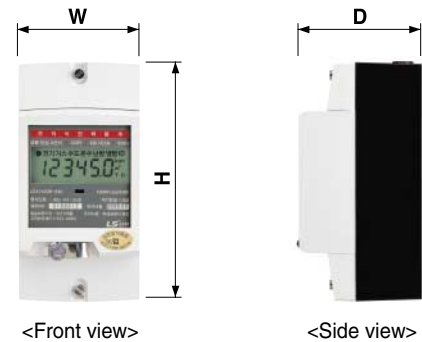
Compact size

It is easy to install and increase space usage between cabinet panel and power meter panel because of the minimizing size.

Mechanic power meter



Electronic power meter



<mm, kg>

Type		Mechanic	Electronic	Minimizing
Dimension	W	130	66	49%
	H	159	130	18%
	D	155	65	58%
Weight		1.1	0.4	64%

Note) Single phase 40A standard.



1.0% accuracy

It is possible to do more accurate inspection because of the 2times increasing of accuracy comparing with static power meter within error range 1%.

Mechanic power meter



**Mechanic
power meter**
2.0 class
error rate $\pm 2.0\%$



Electronic power meter

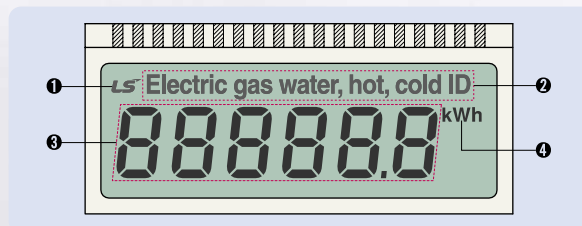
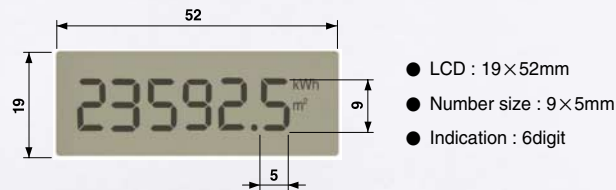


**Electronic
power meter**
1.0 class
error rate $\pm 1.0\%$



Large LCD

It's easy to see the inspection value and operating condition by large LCD.



It represent total power consumption the range of 00000.0~99999.9(kWh)
And cumulative watt hour came back to "0" after rotating onetime.

■ Explanation of indication

- ❶ **Normal operation condition :**
Blinking time is changed in proportion to using load current.
- ❷ **Type of metering :**
It activates from left side.
- ❸ **Cumulating forward active power consumption :**
Indication to first digit
- ❹ **The unit of metering :**
electricity(kWh) water/ hot water/heating(l/h) gas(m³/h)



Various model

It can be installed easily because of the various type(Up/Down, Left/Right type).



1P2W Up/Down type



1P2W Left/Right type



3P4W Up/Down type



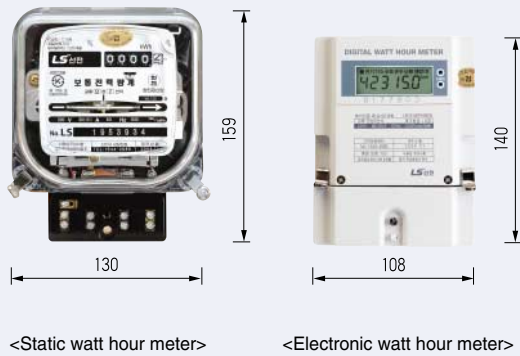
3P4W Left/Right type

LM Series

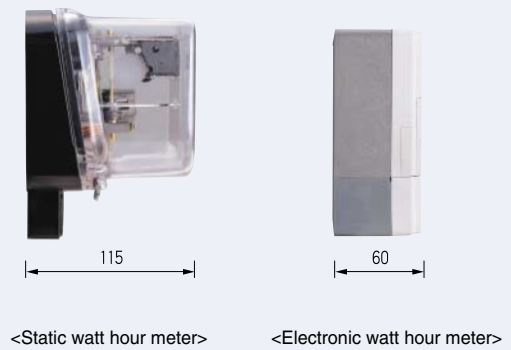


Compact size, easy installation

Front view



Side view



High accuracy

- Accuracy within $\pm 1\%$ (1 class)
- 2 times accurate than static type

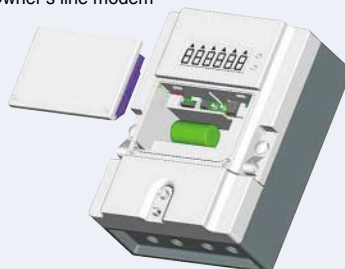


Adjustable modem (High reliability)

- Communication modem is adjustable on the external side.
- There is no problem measurement function.
- In case of communication problem, it can be changed only modem.

Electronic watt hour meter

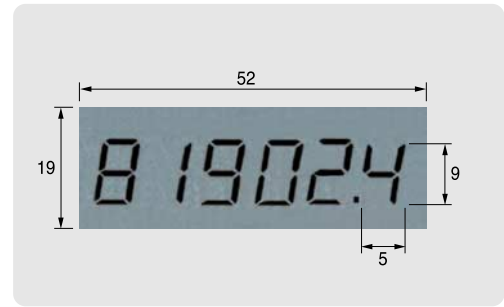
Owner's line modem





Easy to inspect for large LCD

- Large number unit
- 6 digit
- Dimension of number : 5 × 9mm(Width × Height)



Increasing external output pulse value

- Due to increasing the pulse/kwh, it can be real time monitoring.

Unit type	External output pulse value
40A	1000 pulse/kWh
80A	500 pulse/kWh
120A	250 pulse/kWh

※ External output pulse value is per 1kWh, as this value is high, watt hour consumption can be measured accurately.



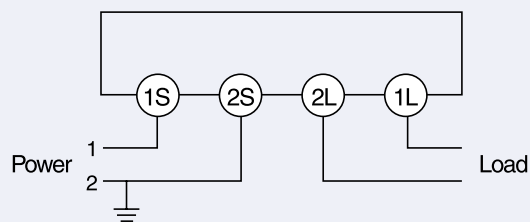
Data storage by inner battery (Remote inspection type, multi function type)

- Data storage and inspection by Inner Power off compensation battery.
(No needed external power for compensation)

※ No need separate external power supply for short time power stopping compensation.

- Battery life : 10 years
- It's easy to change the battery.

Terminal arrangement and contact method



Application



Remote inspection of meters

LD series

It is possible to do a remote inspection of meters of electricity, gas, water, heat capacity, air conditioner value by RS-485 communication.

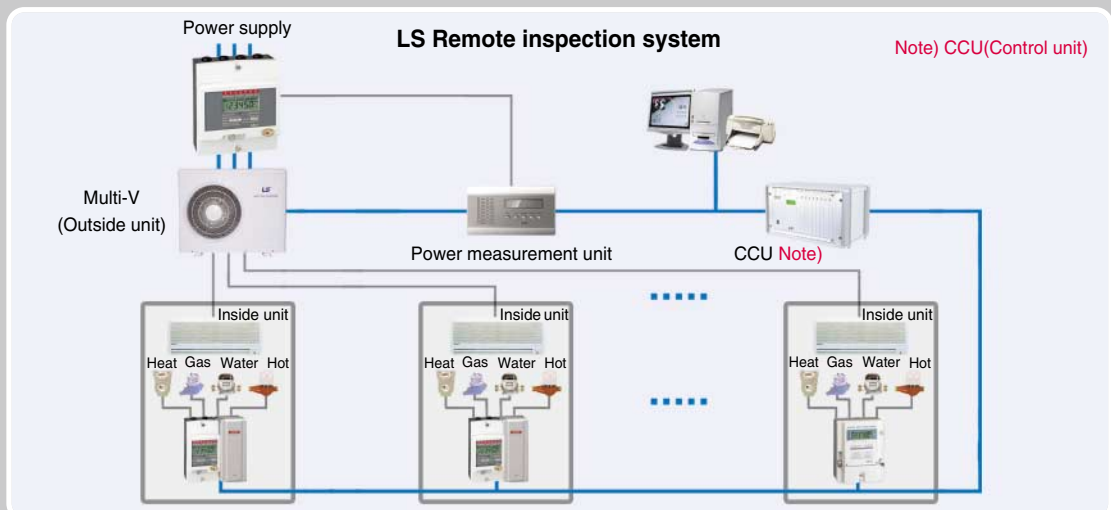


LM series

- Communication : RS-485
- Remote inspection integrated type(LM) is possible to inspect (gas, water, hot water, heat capacity, air conditioned) automatic



Multi air-condition system



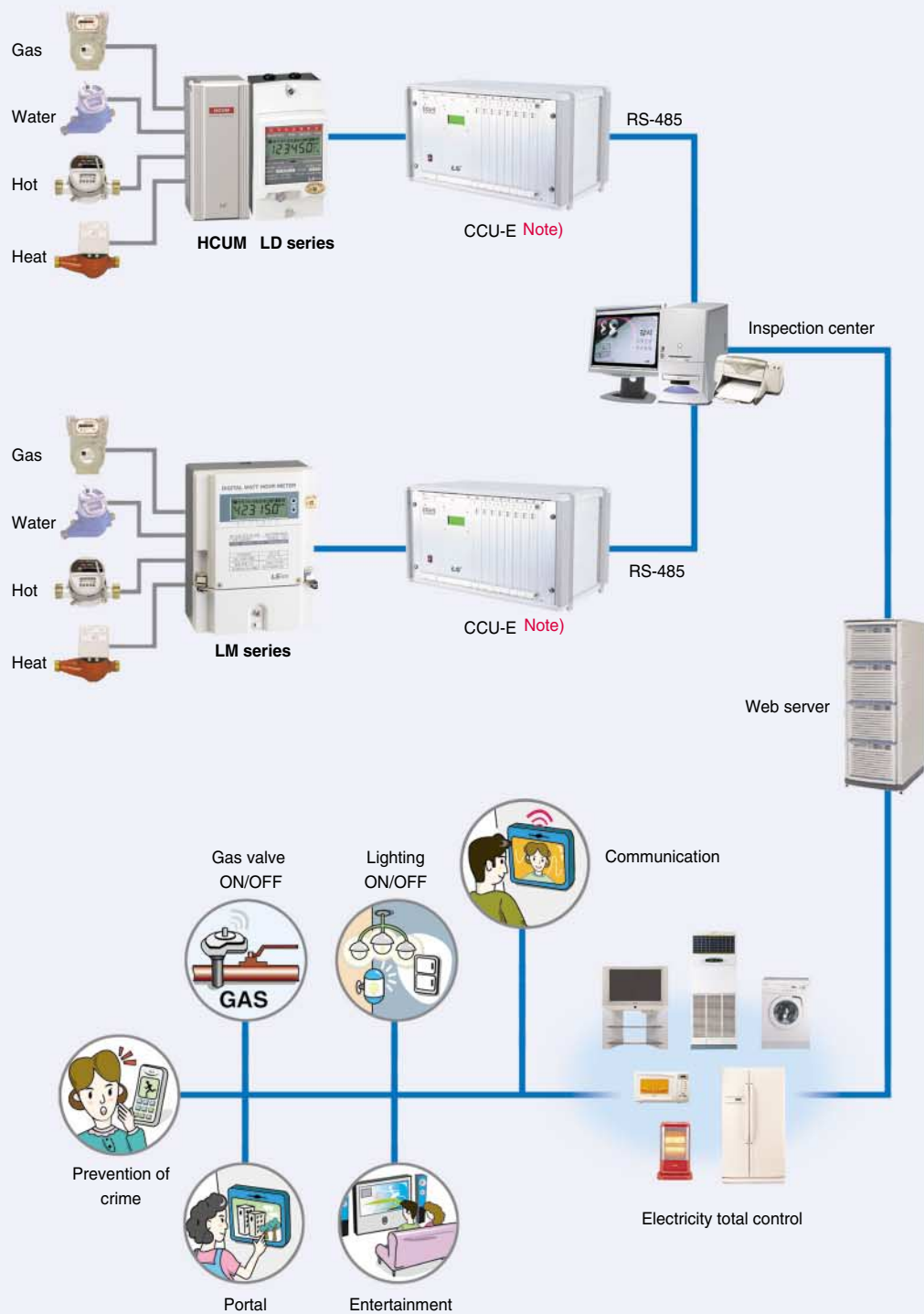


Digital Electricity Meter
LD/LM Series



Home network system

LS Remote inspection system



(Note) CCU(Central Control Unit)

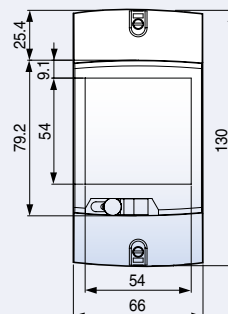
LD Series Ratings / Dimensions

Single phase 40A

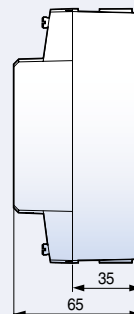
■ Up/Down type



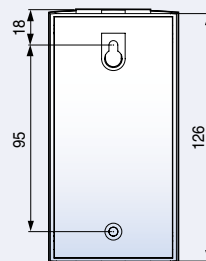
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Circuit Sys.	1P2W
Current(A)	40(10)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	1000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



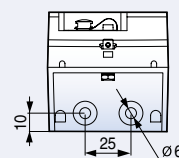
Front



Side



Rear

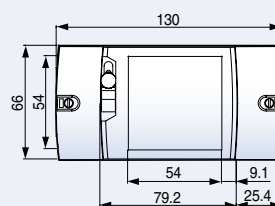


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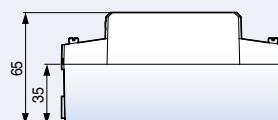
■ Left/Right type



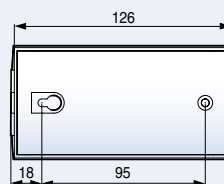
Type	LD1210DR-040(L/R)
Circuit Sys.	1P2W
Current(A)	40(10)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	1000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



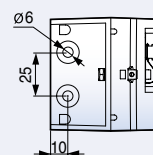
Front



Top



Rear



Side

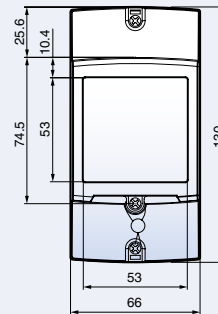


Single phase 60A

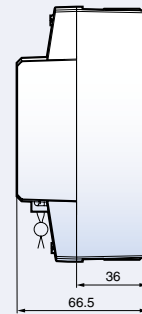
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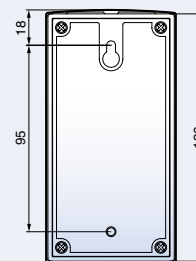
Type	LD1210DR-060(U/D)
Circuit Sys.	1P2W
Current(A)	60(15)
Voltage(V)	220V, 60Hz
Pulse/kWh	1000
Accuracy	1.0
Option	S Standard
	P Pulse type
	C Communication type
	R Remote inspection



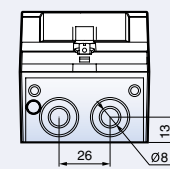
Front



Side



Rear

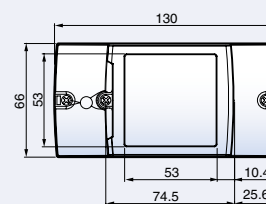


Bottom

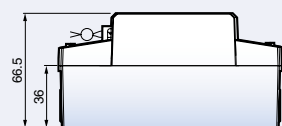
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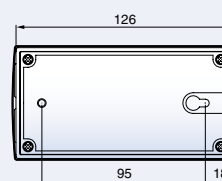
Type	LD1210DR-060(L/R)
Circuit Sys.	1P2W
Current(A)	60(15)
Voltage(V)	220V, 60Hz
Pulse/kWh	1000
Accuracy	1.0
Option	S Standard
	P Pulse type
	C Communication type
	R Remote inspection



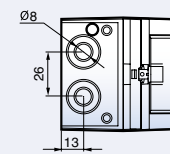
Front



Top



Rear



Side

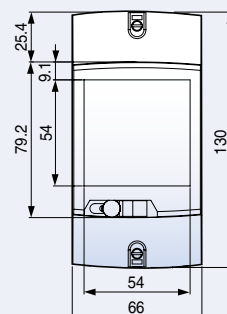
LD Series Ratings / Dimensions

Single phase 80A

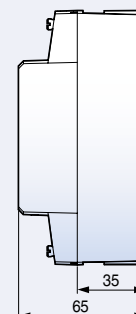
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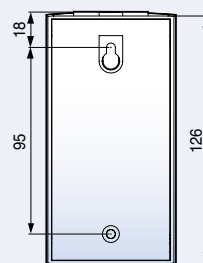
Type	LD1210DR-080(U/D)
Circuit Sys.	1P2W
Current(A)	80(20)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	500
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



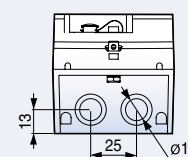
Front



Side



Rear

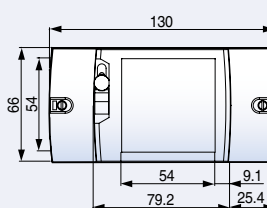


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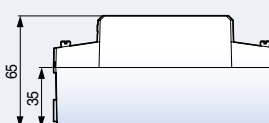
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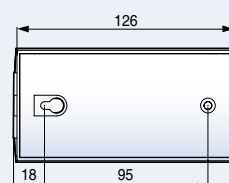
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Current(A)	80(20)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	500
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



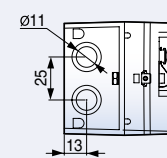
Front



Top



Rear



Side

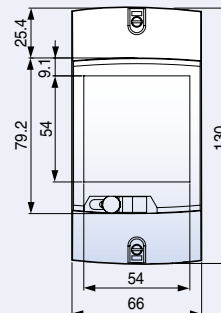


Single phase 120A

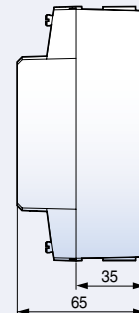
■ Up/Down type



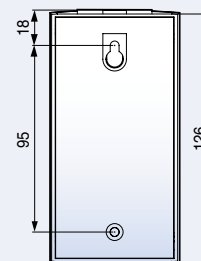
Type	LD1210DR-120(U/D)
Circuit Sys.	1P2W
Current(A)	120(30)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	250
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



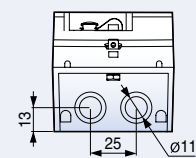
Front



Side



Rear

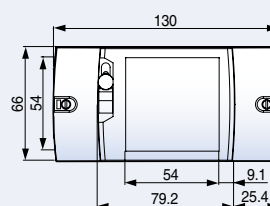


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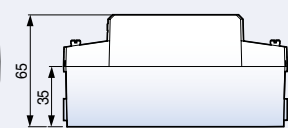
■ Left/Right type



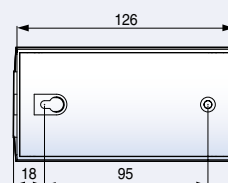
Type	LD1210DR-120(L/R)
Circuit Sys.	1P2W
Current(A)	120(30)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	250
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



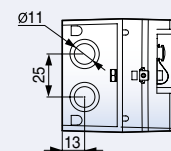
Front



Top



Rear



Side

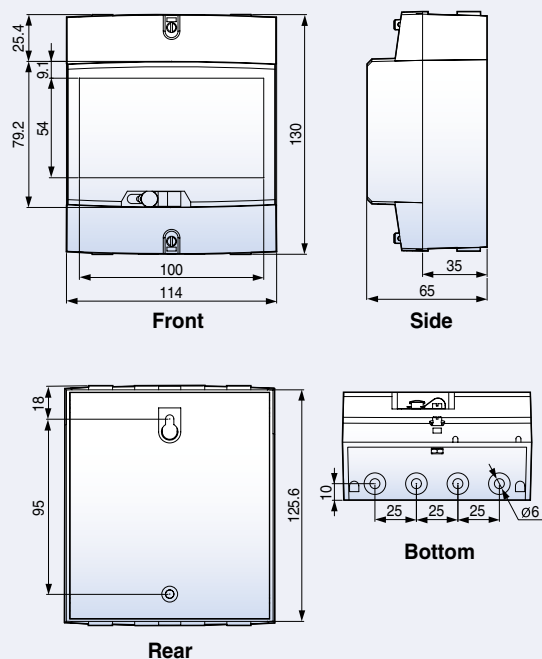
LD Series Ratings / Dimensions

3phase 4wiring 40A

■ Up/Down type



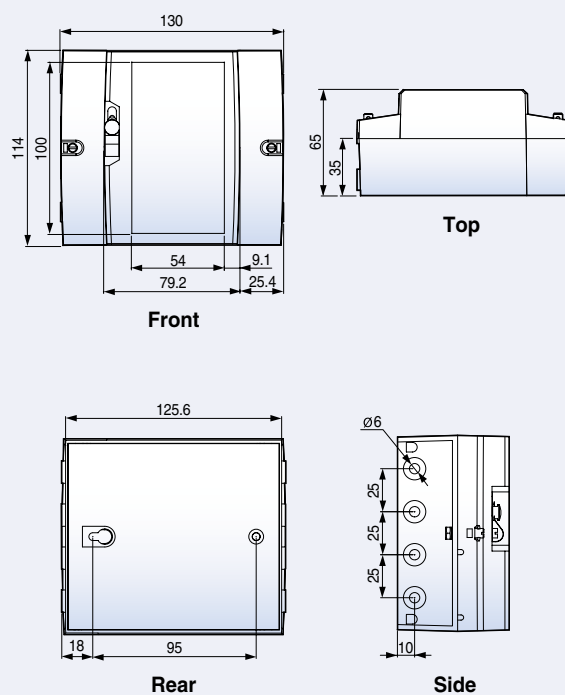
Type	LD3410DR-040(U/D)
Circuit Sys.	3P4W
Current(A)	40(10)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	500
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



■ Left/Right type



Type	LD3410DR-040(L/R)
Circuit Sys.	3P4W
Current(A)	40(10)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	500
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



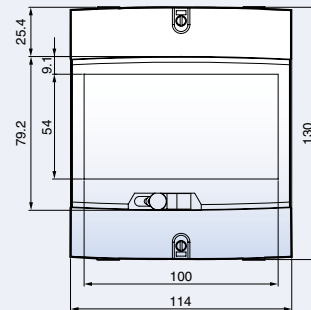


3phase 4wiring 80A

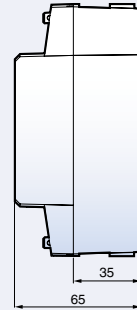
■ Up/Down type



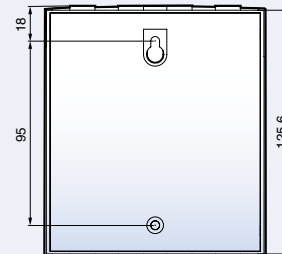
Type	LD3410DR-080(U/D)
Circuit Sys.	3P4W
Current(A)	80(20)
Voltage(V)	220V, 60Hz
Pulse/kWh	250
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



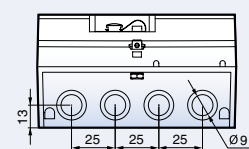
Front



Side



Rear

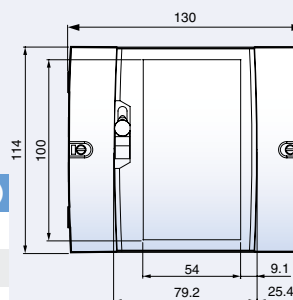


Bottom

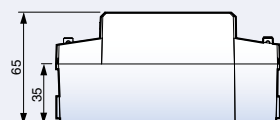
■ Left/Right type



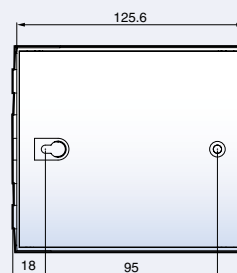
Type	LD3410DR-080(L/R)
Circuit Sys.	3P4W
Current(A)	80(20)
Voltage(V)	220/380V, 60Hz
Pulse/kWh	250
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



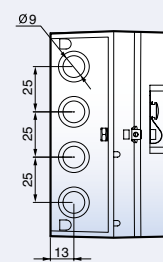
Front



Top



Rear



Side

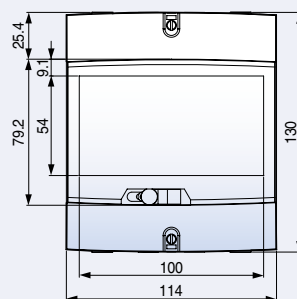
LD Series Ratings / Dimensions

3phase 4wiring 120A

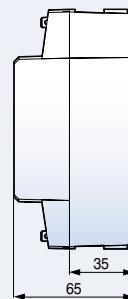
■ Up/Down type



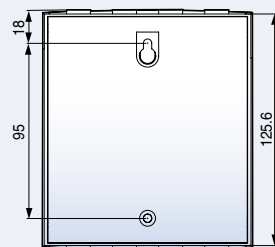
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Circuit Sys.	3P4W
Current(A)	120(30)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	125
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



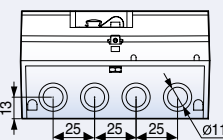
Front



Side



Rear

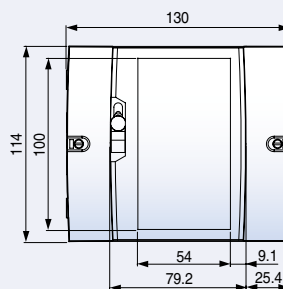


Bottom

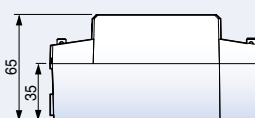
■ Left/Right type



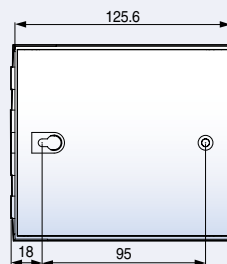
Type	LD3410DR-120(L/R)
Circuit Sys.	3P4W
Current(A)	120(30)
Voltage(V)	220V, 50Hz/60Hz
Pulse/kWh	125
Accuracy	1.0
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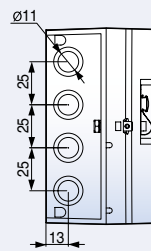
Front



Top



Rear



Side



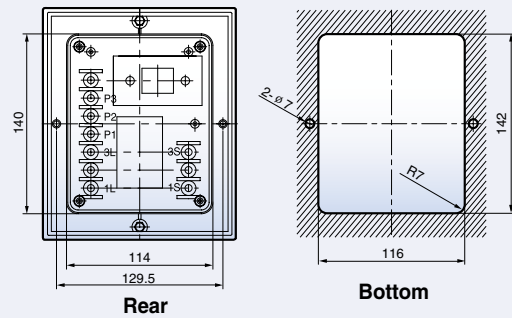
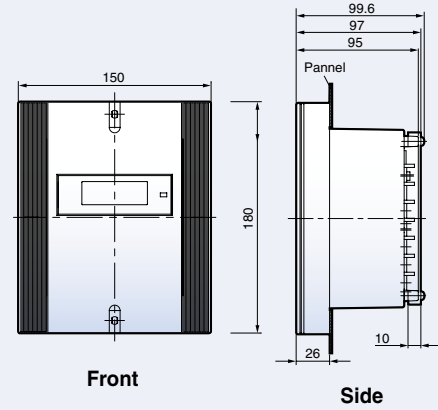
LD Series (CT/PT operated meter) Ratings / Dimensions

Digital Electricity Meter
LD/LM Series

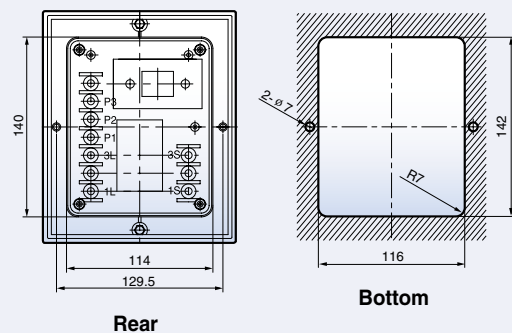
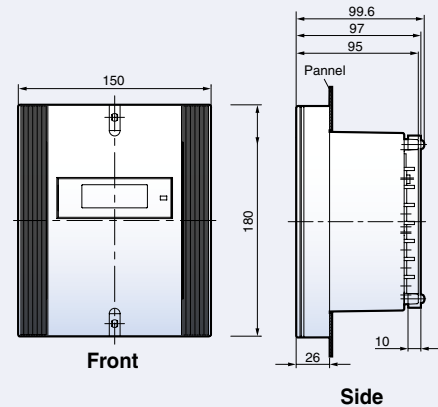
3phase 3wiring 5A (Flush mounting)



Type	LD3310CT-005Te
Circuit Sys.	3P3W
Current(A)	5(2.5)A
Voltage(V)	220V, 60Hz
Pulse/kWh	5000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



Type	LD3310CP-005Te
Circuit Sys.	3P3W
Current(A)	5(2.5)A
Voltage(V)	110V, 60Hz
Pulse/kWh	10000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection

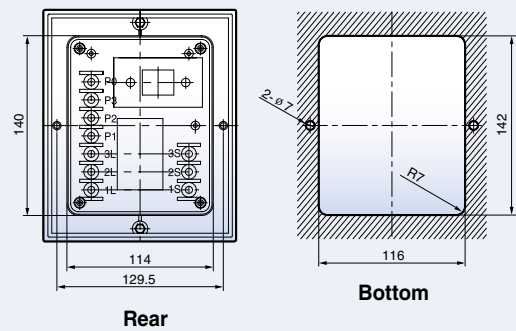
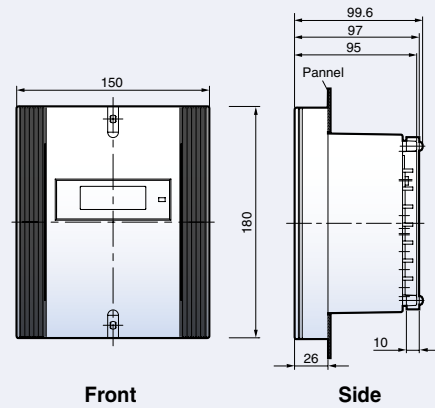


LD Series (CT/PT operated meter) Ratings / Dimensions

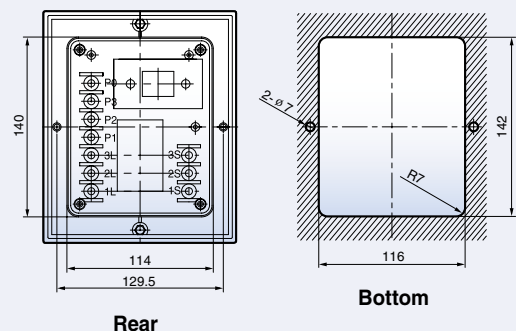
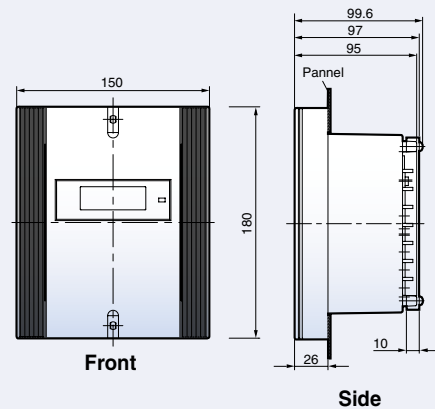
3phase 4wiring 5A (Flush mounting)



Type	LD3410CT-005Te
Circuit Sys.	3P4W
Current(A)	5(2.5)A
Voltage(V)	220/380V, 60Hz
Pulse/kWh	2500
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



Type	LD3410CP-005Te
Circuit Sys.	3P4W
Current(A)	5(2.5)A
Voltage(V)	110/190V, 60Hz
Pulse/kWh	5000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection

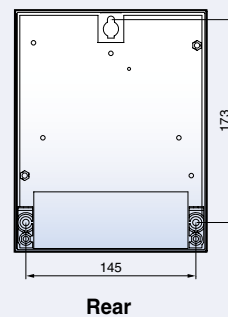
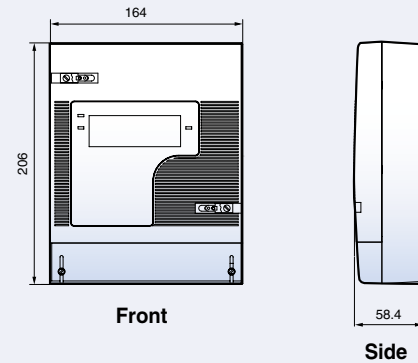




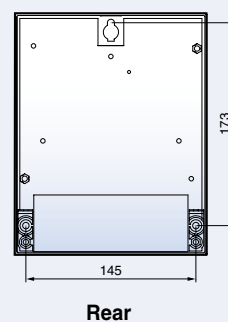
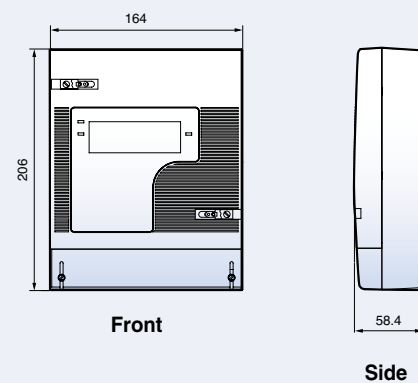
3phase 3wiring 5A (Surface type)



Type	LD3310CT-005
Circuit Sys.	3P3W
Current(A)	5(2.5)A
Voltage(V)	220V, 60Hz
Pulse/kWh	5000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



Type	LD3310CP-005
Circuit Sys.	3P3W
Current(A)	5(2.5)A
Voltage(V)	110V, 60Hz
Pulse/kWh	10000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection

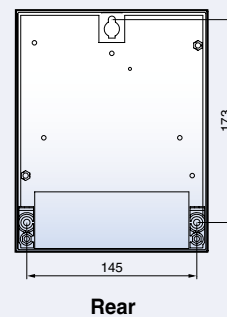
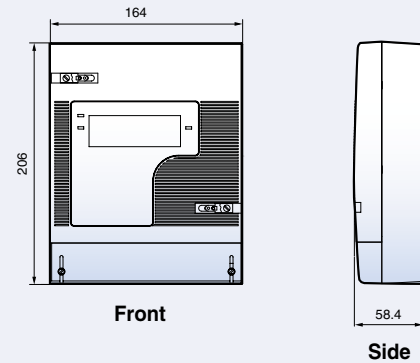


LD Series (CT/PT operated meter) Ratings / Dimensions

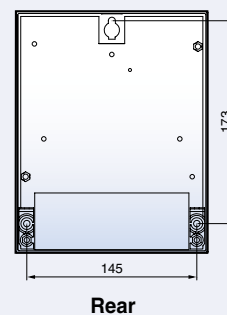
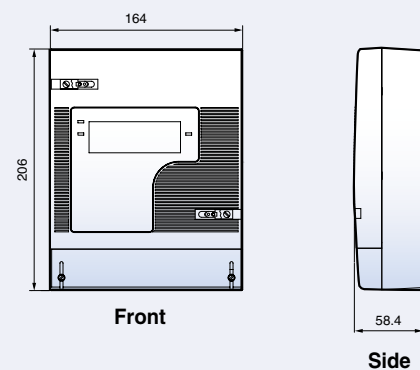
3phase 4wiring 5A (Surface type)



Type	LD3410CT-005
Circuit Sys.	3P4W
Current(A)	5(2.5)A
Voltage(V)	220/380V, 60Hz
Pulse/kWh	2500
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



Type	LD3410CP-005
Circuit Sys.	3P4W
Current(A)	5(2.5)A
Voltage(V)	110/190V, 60Hz
Pulse/kWh	5000
Accuracy	1.0
Option	S Standard
	P Pulse type
	R Remote inspection



LM Series Ratings / Dimensions



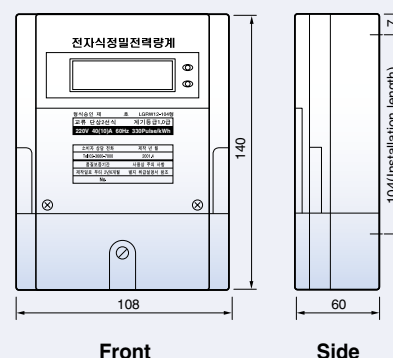
Digital Electricity Meter
LD/LM Series

Single phase 2 wiring

LM1210DR-040



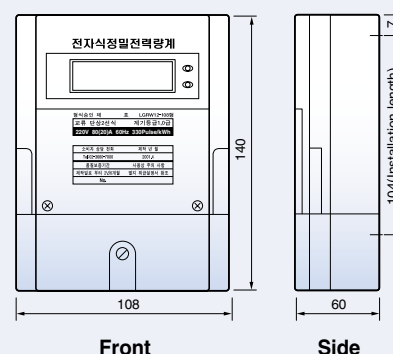
Type	LM1210DR-040
Circuit Sys.	1P2W
Current(A)	40(10)A
Voltage(V)	AC 220V, 50Hz/60Hz
Pulse/kWh	1000
Accuracy	1.0
Option S	Standard
Option P	Pulse type
Option R	Remote inspection



LM1210DR-080



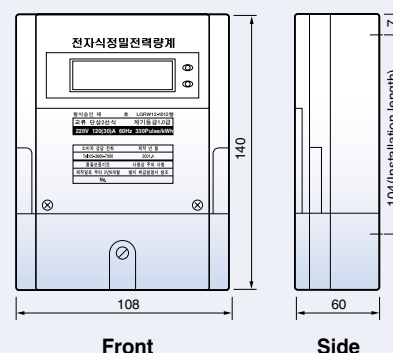
Type	LM1210DR-080
Circuit Sys.	1P2W
Current(A)	80(20)A
Voltage(V)	AC 220V, 50Hz/60Hz
Pulse/kWh	500
Accuracy	1.0
Option S	Standard
Option P	Pulse type
Option R	Remote inspection



LM1210DR-120



Type	LM1210DR-120
Circuit Sys.	1P2W
Current(A)	120(30)A
Voltage(V)	AC 220V, 50Hz/60Hz
Pulse/kWh	330
Accuracy	1.0
Option S	Standard
Option P	Pulse type
Option R	Remote inspection

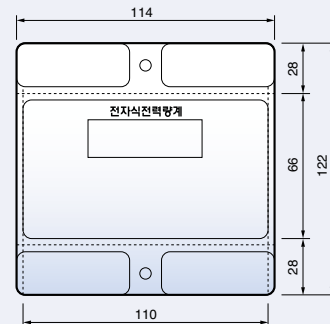


MWT Series Ratings / Dimensions

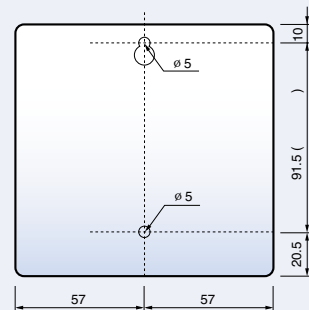
3phase 4wiring / 3phase 3wiring 5A (Surface type)



Type	MWTC005N-1
Circuit Sys.	3P4W
Current(A)	5(2.5)A
Voltage(V)	220/380V, 60Hz
Pulse/kWh	5000
Accuracy	1.0
Option	S Standard
	P Pulse type



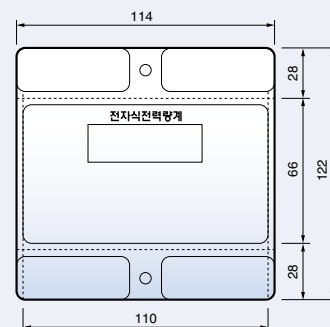
Front



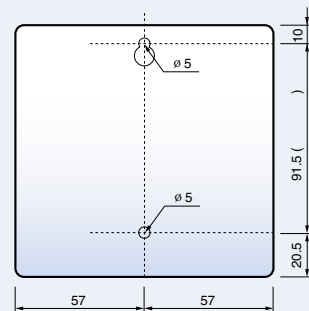
Rear



Type	MWTD005N-1
Circuit Sys.	3P4W
Current(A)	5(2.5)A
Voltage(V)	220V, 60Hz
Pulse/kWh	5000
Accuracy	1.0
Option	S Standard
	P Pulse type



Front



Rear



Digital Electricity Meter
LD/LM Series

Ratings and specification

■ LD series rating

LD series (Direct connection meter)

Type	Model						
	LD1210DR-040	LD1210DR-060	LD1210DR-080	LD1210DR-120	LD3410DR-040	LD3410DR-080	LD3410DR-120
Elec. Type	1P2W				3P4W		
Rated voltage (V)	220V, 60Hz				220/380V, 60Hz		
Rated current (A)	40(10)A	60(15)A	80(20)A	120(30)A	40(10)A	80(20)A	120(30)A
Accuracy	Class 1.0						
Pulse/kWh (Pulse/kWh)	1000	1000	500	250	500	250	125
External output pulse Note)	1pulse=1Wh	1pulse=1Wh	1pulse=10Wh	1pulse=100Wh	1pulse=2Wh	1pulse=4Wh	1pulse=8Wh
Output rating of pulse	IF = 9.5mA, IC < 6mA, VCC < 30V, pulse width : 70mS						
Power	Under 2W						
Weight (g)	450	520	550	550	650	850	850
Dimension(mm)(W×H×D)	66×130×65	66×130×66.5	66×130×65	66×130×65	114×130×65	114×130×65	114×130×65
Material	Base : Phenolic resin(Black), Cover : Polycarbonate(White)						
Temperature, Humidity	Temperature : -20℃~55℃, Humidity : 95%						
Protection against dust, water insertion	IEC 60529 standard IP51						
Internal force against heat, fire	Terminal cover or case : 650℃±10℃, Terminal box : 960℃±15℃ (IEC 60695-2-11, KS C 0260)						
Internal structure	Unit for inside type						

Note) Consider in case of system air-conditioning Remote inspection application and some other external application.

3phase 3wiring (Flush mounting)

Type	Model					
	LD3310CT-005Te S	LD3310CT-005Te P	LD3310CT-005Te R	LD3310CP-005Te S	LD3310CP-005Te P	LD3310CP-005Te R
	Standard	Pulse type	Remote inspection	Standard	Pulse type	Remote inspection
Elec. Type	3P3W					
Rated voltage (V)	220V, 60Hz			110V, 60Hz		
Rated current (A)	5(2.5)A					
Accuracy	Class 1.0					
Pulse/kWh (Pulse/kwh)	5000			10000		
External output pulse (Note)	1pulse=0.2Wh			1pulse=0.1Wh		
Output rating of pulse	IF = 9.5mA, IC < 6mA, VCC < 30V, pulse width : 70mS					
Power	Under 2W					
Weight (g)	728.1	738.1	748.1	728.1	738.1	748.1
Dimension(mm)(W×H×D)	150×180×99.6					
Material	Base : Poly carbonate(Black), Cover : Poly carbonate(White)					
Temperature, Humidity	Temperature : -20℃~55℃, Humidity : 95%					
Protection against dust, water insertion	IEC 60529 standard IP51					
Internal force against heat, fire	Terminal cover or case : 650℃±10℃, Terminal box : 960℃±15℃(IEC 60695-2- II , KSC 0260)					
Internal structure	Unit for inside type					

Note) Consider in case of system air-conditioning Remote inspection application and some other external application.

Ratings and specification

■ LD series rating

3phase 4wiring (Flush mounting)

Type		Model					
		LD3410CT-005Te S	LD3410CT-005Te P	LD3410CT-005Te R	LD3410CP-005Te S	LD3410CP-005Te P	LD3410CP-005Te R
		Standard	Pulse type	Remote inspection	Standard	Pulse type	Remote inspection
Elec. Type		3P4W					
Rated voltage	(V)	220/380V, 60Hz			110/190V, 60Hz		
Rated current	(A)	5(2.5)A					
Accuracy		Class 1.0					
Pulse/kWh (Pulse/kwh)		2500			5000		
External output pulse ^{Note)}		1pulse=0.4Wh			1pulse=0.2Wh		
Output rating of pulse		IF = 9.5mA, IC < 6mA, VCC < 30V, pulse width : 70mS					
Power		Under 2W					
Weight	(g)	755.4	765.4	775.4	755.4	765.4	775.4
Dimension(mm)(W×H×D)		150×180×99.6					
Material		Base : Poly carbonate(Black), Cover : Poly carbonate(White)					
Temperature, Humidity		Temperature : -20℃~55℃, Humidity : 95%					
Protection against dust, water insertion		IEC 60529 standard IP51					
Internal force against heat, fire		Terminal cover or case : 650℃±10℃, Terminal box : 960℃±15℃(IEC 60695-2-II , KSC 0260)					
Internal structure		Unit for inside type					

Note) Consider in case of system air-conditioning Remote inspection application and some other external application.

3phase 3wiring (Surface type)

Type		Model					
		LD3310CT-005 S	LD3310CT-005 P	LD3310CT-005 R	LD3310CP-005 S	LD3310CP-005 P	LD3310CP-005 R
		Standard	Pulse type	Remote inspection	Standard	Pulse type	Remote inspection
Elec. Type		3P3W					
Rated voltage	(V)	220V, 60Hz			110V, 60Hz		
Rated current	(A)	5(2.5)A					
Accuracy		Class 1.0					
Pulse/kWh (Pulse/kwh)		5000			10000		
External output pulse ^{Note)}		1pulse=0.2Wh			1pulse=0.1Wh		
Output rating of pulse		IF = 9.5mA, IC < 6mA, VCC < 30V, pulse width : 70mS					
Power		Under 2W					
Weight	(g)	900	910	915	900	910	915
Dimension(mm)(W×H×D)		160×206×58.4					
Material		Base : Poly carbonate(Black), Cover : Poly carbonate(White)					
Temperature, Humidity		Temperature : -20℃~55℃, Humidity : 95%					
Protection against dust, water insertion		IEC 60529 standard IP51					
Internal force against heat, fire		Terminal cover or case : 650℃±10℃, Terminal box : 960℃±15℃(IEC 60695-2-II , KSC 0260)					
Internal structure		Unit for inside type					

Note) Consider in case of system air-conditioning Remote inspection application and some other external application.



Digital Electricity Meter
LD/LM Series

■ LD series rating

3phase 4wiring (Surface type)

Type	Model					
	LD3410CT-005 S	LD3410CT-005 P	LD3410CT-005 R	LD3410CP-005 S	LD3410CP-005 P	LD3410CP-005 R
	Standard	Pulse type	Remote inspection	Standard	Pulse type	Remote inspection
Elec. Type	3P4W					
Rated voltage (V)	220/380V, 60Hz			110/190V, 60Hz		
Rated current (A)	5(2.5)A					
Accuracy	Class 1.0					
Pulse/kWh (Pulse/kwh)	2500			5000		
External output pulse ^{Note)}	1pulse=0.4Wh			1pulse=0.2Wh		
Output rating of pulse	IF = 9.5mA, IC < 6mA, VCC < 30V, pulse width : 70mS					
Power	Under 2W					
Weight (g)	980	990	995	980	990	995
Dimension(mm)(W×H×D)	164×206×58.4					
Material	Base : Poly carbonate(Black), Cover : Poly carbonate(White)					
Temperature, Humidity	Temperature : -20℃~55℃, Humidity : 95%					
Protection against dust, water insertion	IEC 60529 standard IP51					
Internal force against heat, fire	Terminal cover or case : 650℃±10℃, Terminal box : 960℃±15℃(IEC 60695-2- II , KSC 0260)					
Internal structure	Unit for inside type					

Note) Consider in case of system air-conditioning Remote inspection application and some other external application.

■ LM series rating

Type	Model		
	LM1210DR-040	LM1210DR-080	LM1210DR-120
Elec. Type	1P2W		
Rated voltage (V)	220V, 60Hz		
Rated current (A)	40(10)A	80(20)A	120(30)A
Accuracy	Class 1.0		
Pulse/kWh (Pulse/kWh)	1000	500	250
External output pulse ^{Note)}	1pulse=1Wh	1pulse=2Wh	1pulse=4Wh
Output rating of pulse	IF = 9.5mA, IC < 6mA, VCC < 30V, pulse width : 70mS		
LCD Dimension	48×16mm(W×D), 6 Digit		
Temperature, Humidity	-20℃~55℃(Temperature), -25℃~70℃(Humidity), Humidity : Less 95%		
Dimension(mm)(W×H×D)	108(W)×140(H)×60(D)mm		
Weight (g)	580	800	800
Terminal hole diameter (mm)	6	11	11
Option	S : Standard, P : Pulse type , R : Remote inspection		

Note) Consider in case of system air-conditioning Remote inspection application and some other external application.

Diagram

■ LD series

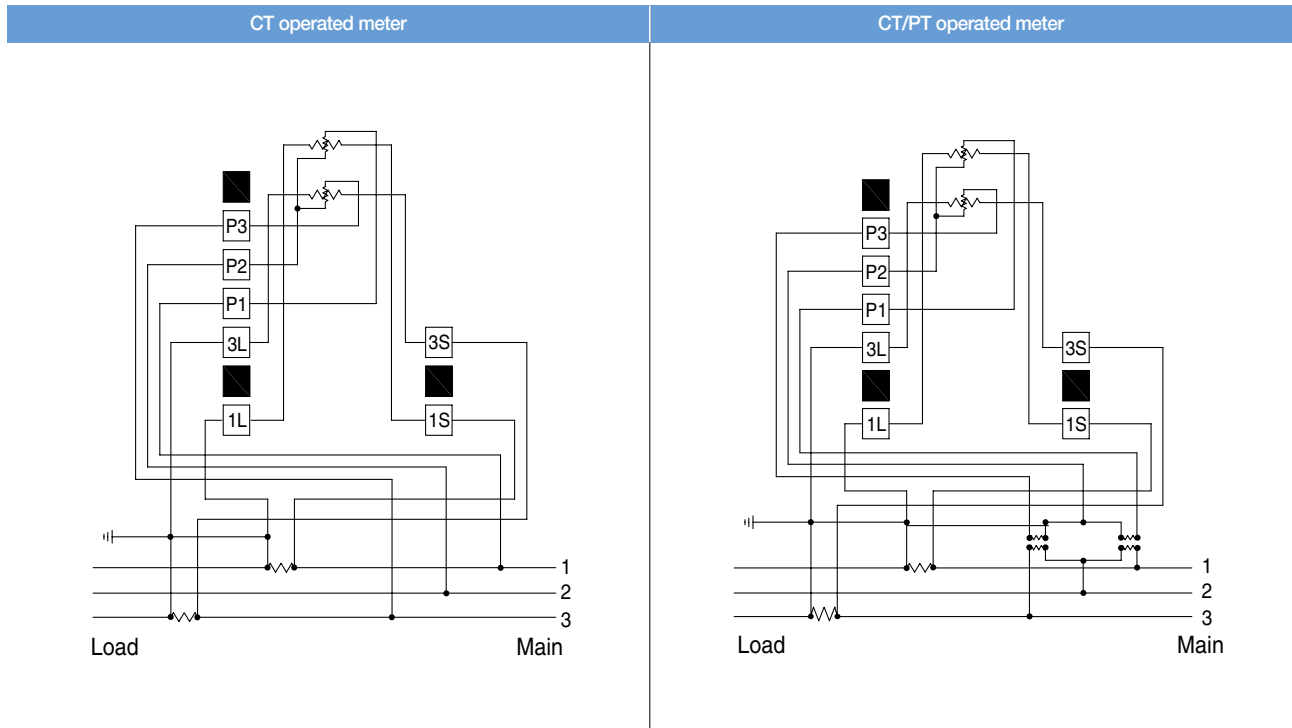
	1P2W	3P4W
Up/Down type		
Left/Right type (Users need consider about exchanging between power supply and load.)		



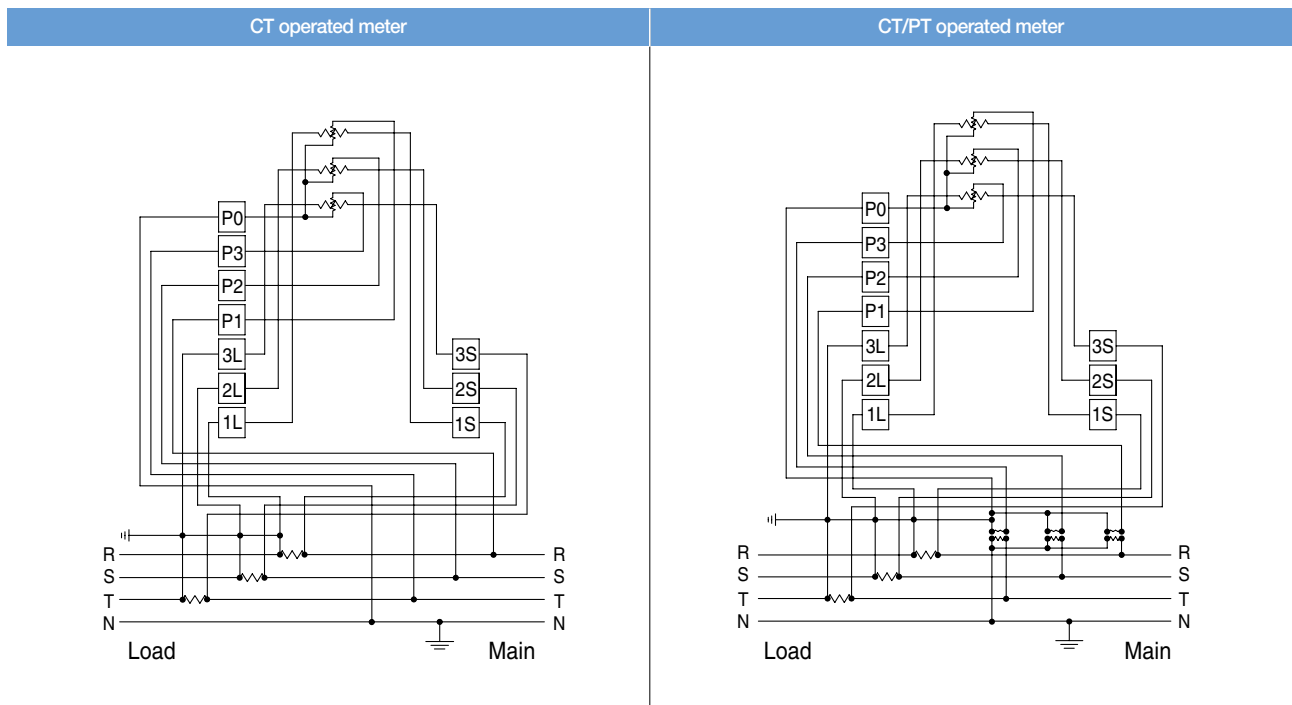
Digital Electricity Meter
LD/LM Series

■ LD series (CT/PT operated meter)

3phase 3wiring (Flush mounting)



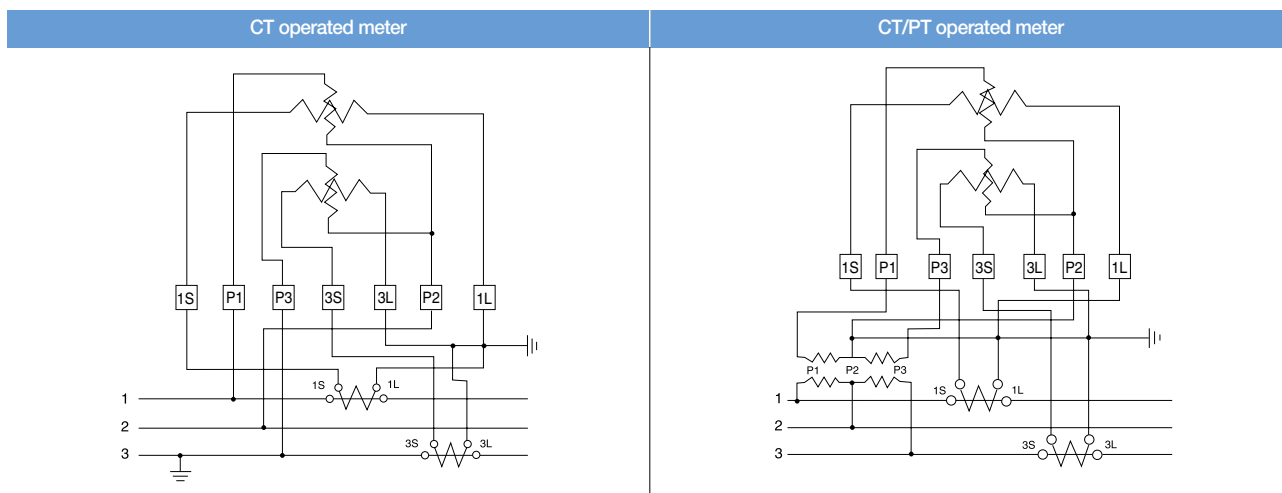
3phase 4wiring (Flush mounting)



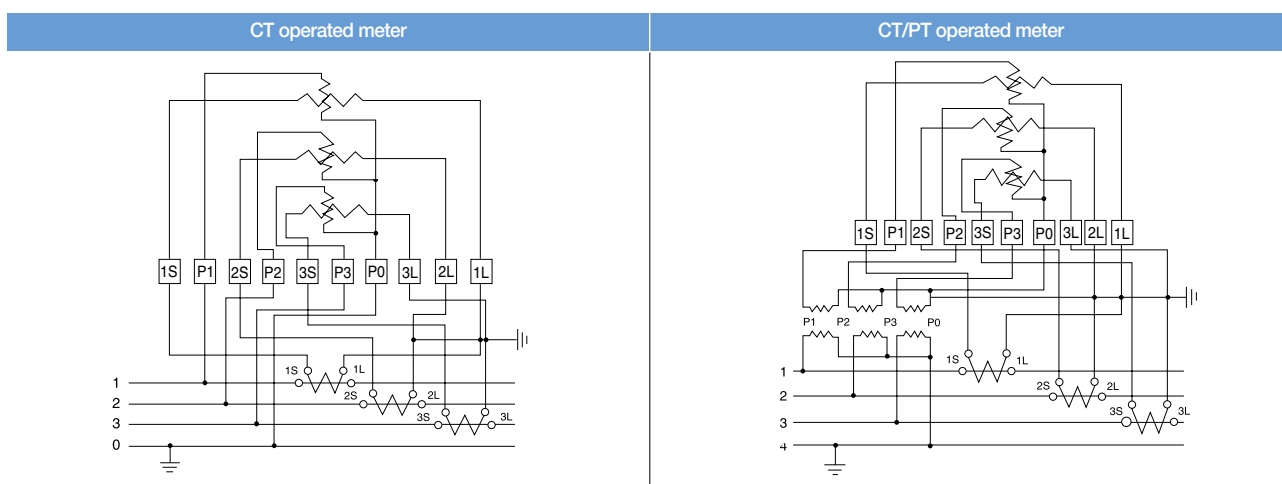
Diagram

■ LD series (CT/PT operated meter)

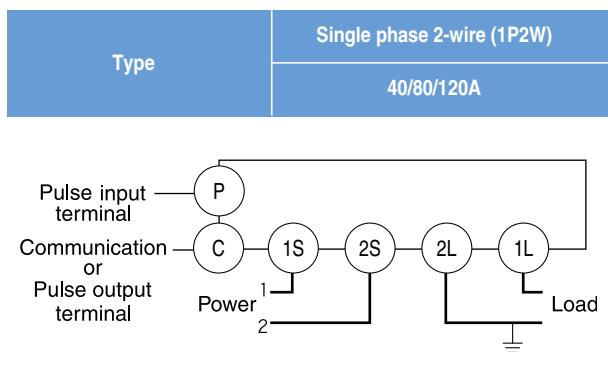
3phase 3wiring (Surface type)



3phase 4wiring (Surface type)



■ LM series



■ Specification of the wire

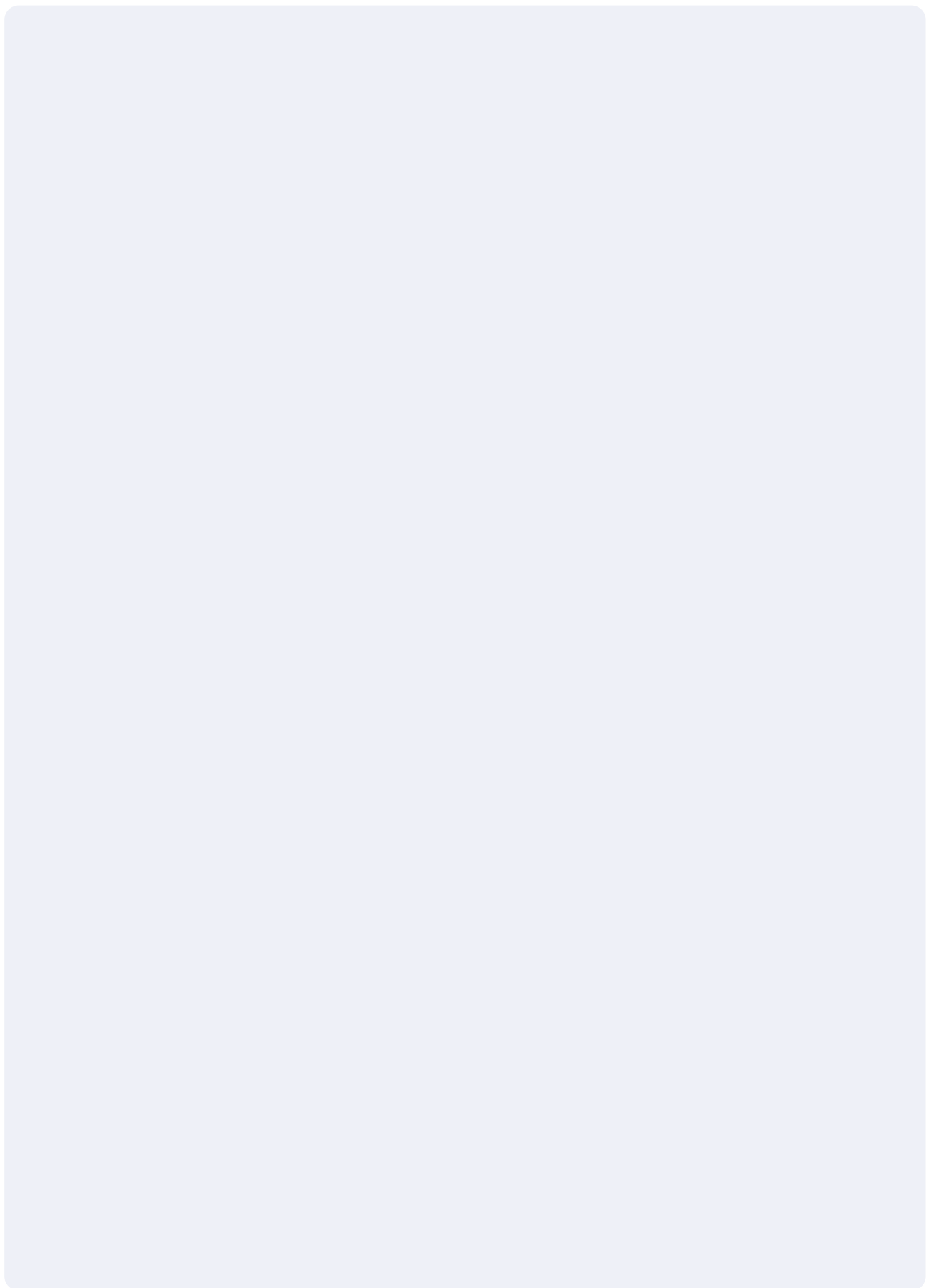
Rating current (A)	Wire size (mm)		Terminal hole diameter	Remark
	Min	Max		
40(10)A	10mm ² (7/1.35)	16mm ² (7/1.7)	Ø 6mm	IEC
60(15)A	16mm ² (7/1.7)	35mm ² (7/2.52)	Ø 8mm	IEC
80(20)A	25mm ² (7/2.14)	50mm ² (19/1.78)	Ø 9mm	IEC
120(30)A	25mm ² (7/2.14)	50mm ² (19/1.78)	Ø 11mm	IEC



Memo

Digital Electricity Meter
LD/LM Series

Memo



Leading Innovation, Creating Tomorrow 



Safety Instructions

- For your safety, please read user's manual thoroughly before operating.
- Contact the nearest authorized service facility for examination, repair, or adjustment.
- Please contact qualified service technician when you need maintenance.
Do not disassemble or repair by yourself!
- Any maintenance and inspection shall be performed by the personnel having expertise concerned.

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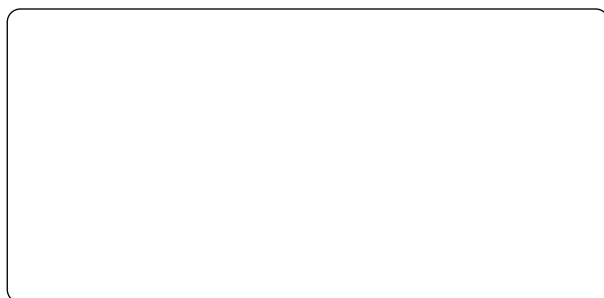
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