

Dixsen

#### • SYMBOLS IDENTIFICATION OF THE INSTRUMENTS TECHNICAL CHARACTERISTICS

Electronic device in a measure circuit **R** 2 Rectifier (instrument with AC input) Testing voltage higher than 2000V **→**Ì Shunt Vertical mounting (for example 50 deg.) Additional resistor Inclined mounting (for example 50 deg.) \_\_\_\_\_R Moving coil for instruments Positive terminal + €. Moving iron for instruments Negative terminal Bimetal instrument Class index 1.0 1.5 2.5 Vibrating reeds instruments DC

#### REFERENCE STANDARDS

EN60051, EN50081, EN50082, EN61010, IEC60051, IEC61010, DIN43780

#### FIXING POSITION

All instruments should be mounted in a vertical position. On request, other inclined or horizontal models are supplied. The tolerance is  $\pm 5$  for any model.

#### AMBIENT TEMPERATURE

If on the meter or in the concomitant documentation it is indicated differently, the ambient temperature is equal 23°C  $\pm$ 2°C. The rated range of use is equal  $\pm$ 10°C regarding the fiducial temperature and the variation in this range does not exceed the value of the accuracy class index, unless we give a smaller value for the specified meter.

#### • TEMPERATURE LIMITES

The measuring instruments and their accessories withstand temperature variations from -25°C to +40°C (55°C in the tropical weather proof version) without permanent fault.

#### • RELATIVE HUMIDITY

The accuracy class is maintained within the interval of 25% to 80% of non condensed relative humidity.

#### • TROPICAL WEATHER RESISTANT (TROP)

For TROP, and according to the DIN40040 standard, the instruments will be protected against corrosive atmospheres and will endure temperatures between -25°C and +55°C, with a non condensed relative humidity of 95%. This humidity refers to a maximum temperature of 30°C and 30days per year, the remaining 278 days of the year the humidity must not exceed 75%.

For this, the instruments may be set for reference temperature values above 20°C, For these events the ranges are marked with the word TROP, followed by the temperature to which they have been set.

#### AUXILIARY POWER SUPPLY

The accepted tolerance for nominal values of the auxiliary power supply is: Voltage:  $+10\% \sim -15\%$  Frequency: $45\sim65$ Hz.

#### ZERO CORRECTION

A zero corrector is provided on the front panel of the meter, which can adjust the pointer to the zero position.

#### CASING

The casings and frames for all instruments are made of self extinguishing ABS, according to UL94, with high impact resistance.

The bases are made from self extinguishing reinforced PPO, according to UL94, with high impact resistance and maximum electrical insulation.

#### PROTECTION GRADE

Under normal operation, the instrument cases have a protection grade of Ip54 and their terminal IP20(with back cover).

#### VIBRATIONS

The instruments and their accessories support a minimum vibration of  $\pm 0.25$  mm of amplitude at a frequency of 50 cycles. This vibration is equivalent to applying an acceleration equal to 2.5g for 20 minutes between the three perpendicular axes.

#### SUSTAINED ELECTRICAL OVERLOAD

All types of ammeters and voltmeters, and also voltage circuits of power meter, phase meters and power factor meters resist during 2 hours without damage to overload equals 120% of the reference voltage value or reference current. In power meters and power factor meters, current circuits and voltage circuits should be overloaded separately.

#### KIND REMINDER

! Due to analogue panel meter is a kind of precision measuring instrument, we strongly recommend our customers choose ocean shipping, then we can make firm wood pallet for certain cases to protect the goods against probable rough handling in the transportation.

#### NOTE:

All 96X96, 72X72 with cover on movement available, see below examples.





Cover on Movement

Regular Movement

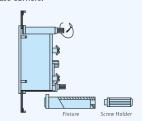
Just mention one of above model when ordering.

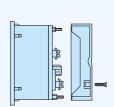
#### • CHANGING THE SCALE PLATE

Draw out the scale plate with a suitable tool introduced in the scale plate perforation. When replacing the new scale plate, carefully close the slot of the case with the plastic cover. The scale plate is changeable without influence to accurcy of DT-A96, DT-A72, DT-A48 DE-A96, DE-A72, DT-M96, DT-M72, DT-2M96, DT-AM96, DT-AM72, DT-A45, DL-A72. See right Demo.

# MOUNTING

The meters are adapted to be mounted from the front of panels and then they are equiped with two spring holders, which can be fixed on arbitrary opposite case sides or to be mounted from the rear of panels and then they are equiped with two screw holders which can be fixed on arbitrary, opposite case corners.





There is no need to stock for CT operated AC Ammeters due to interchangeable scale system. Only scale plate is sufficient to have in stock.

Ref.	For Size	Item Code
	96×96	0960000
A		
A months	72×72	0720000
A	48×48	0480000

#### ACCESSORY



DE Model Terminal protection cover



DG Model Terminal protection cover



DT Model Terminal protection cover



DL-A72 Model Terminal protection cover



Larger curent screw



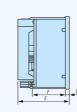
Plastic screw holder

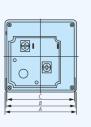


Brass screw holder(option)

#### DIMENSION

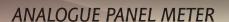






Frame Size	Dimension (mm)								
	Α	В	С	D	Е	F	4		
96X96	96	92	90	5.5	65	43			
72X72	72	68	66	5.5	65	43			
48X48	48	44	42	5.5	65	43			

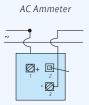
D-01 www.dixsen.com www.dixsen.com D-02

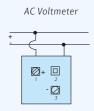


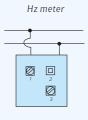


#### CONNECTION DIAGRAM

**Dixsen**®







MDI

1P W(Var) Meter with CT and PT





DT Model Left slot with end stoper

DL-A72 Model

DEMO

Currently. Top cover removable type is available for CT operted AC Ammeter and Direct input Ammeter and Direct input AC Voltmeter.

#### Double Reed





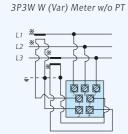
Synchroscope Meter

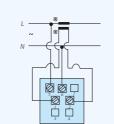


• SELECTION OF MOVING IRON METER

Moving-iron meters are intended for measuring AC current or AC voltage. These meters measure the RMS value and their indications are highly independent of the measured value curve shape.

# 3Phase COS Meter



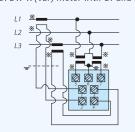


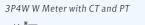


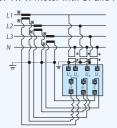
Ref.

	Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code			
Direc	t Input AC	Ammeter		(2In)	(2In)					
E	DT-DA96	96X96	-	5~100A	1.5	60	1496000			
L	DT-DA72	72X72	-	5~100A	1.5	100	1472000			
L	DT-DA48	48X48	-	5~50A	2.5	256	1448000			
E	DE-DA96	96X96	-	5~100A	1.5	60	1596000			
E	DE-DA72	72X72	-	5~100A	1.5	100	1572000			
L	DL-DA72	72X72	-	5~100A	1.5	100	1672000			

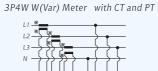
3P3W W(Var) Meter with CT and PT





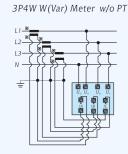


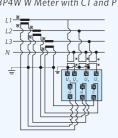
1P Cos Meter



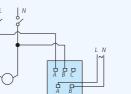


DT-V96





Syncroshsope Meter Single pole



DT-A96



-	CT Operated AC	Ammeter		(2In)				
	DT-A96	96X96	x/5A*	5~6000A	1.5	60	1960000	
	DT-A72	72X72	x/5A*	5~6000A	1.5	100	1720000	
	DT-A48	48X48	x/5A*	5~6000A	2.5	256	1480000	
	DE-A96	96X96	x/5A*	5~6000A	1.5	60	2960000	
	DE-A72	72X72	x/5A*	5~6000A	1.5	100	2720000	
	DL-A72	72X72	X/5A*	5~6000A	1.5	100	3720000	

<sup>\*</sup>Note: Using with external CT. X/1A upon request.

Direct Input AC						
DT-V96	96X96	-	100~600V	1.5	60	1196000
DT-V72	72X72	-	100~600V	1.5	100	1172000
DT-V48	48X48	-	100~600V	2.5	256	1148000
DE-V96	96X96	-	100~600V	1.5	60	3496000
DE-V72	72X72	-	100~600V	1.5	100	3472000
DL-V72	72X72	-	100~600V	1.5	100	3572000



#### • SELECTION OF MOVING COIL METER

Moving-coil meters are intended for measuring DC current or DC voltage. These meters can also be used for measuring AC voltages and AC currents as long as rectifier built in.

Ref.	Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code
	Direct Input DC Ammeter (In)						
DC-DA96	DC-DA96	96X96	-	50 μ A~50A	1.5	60	1796000
Lunnu. ▼	DC-DA72	72X72	-	50 μ A~50A	1.5	100	1772000
A 111111 20 30	DC-DA48	48X48	-	50 μ A~20A	2.5	256	1748000

DC-A96



Shunt Operated	DC Ammeter		(In)			
DC-A96	96X96	x/60mV*	5~6000A	1.5	60	4960000
DC-A72	72X72	x/60mV*	5~6000A	1.5	100	4720000
DC-A48	48X48	x/60mV*	5~6000A	2.5	256	4480000

<sup>\*</sup> Using with external DC shunt, x/50mV or 75mV upon request.

DC-V96



Direct Input DC Voltmeter				(Vn)			
L	DC-V96	96X96	-	5~500V	1.5	60	1896000
- 1	DC-V72	72X72	-	5~500V	1.5	100	1872000
I	DC-V48	48X48	-	5~500V	2.5	256	1848000

DT-2A96



Dual CT operate	d AC Ammeter		(2In)			
DT-2A96	96X96	x/5A*	5~6000A	1.5	48	1090000
DT-2A72	72X72	x/5A*	5~6000A	1.5	48	1070000

<sup>\*</sup> x/1A upon request.

DT-2V96



Dual Direct Inpu	it AC Voltmeter		(Vn)			
DT-2V96	96X96	-	100~600V	1.5	48	1096000
DT-2V72	72X72	-	100~600V	1.5	48	1072000

#### • SELECTION OF BIMETAL + MOVING IRON METER

Maximum demand meters are intended for testing momentary thermal load of transformers, cables, electrical machines etc. The bimetallic movement responds and indicates the mean RMS current loading over a specified period of time. A black pointer which is attached to the bimetal spiral moves in response to the current -(heating) in the bimetal spiral. A red pointer (slave or memory pointer) is driven by the black pointer. The red pointer remains at its maximum position to which the black pointer has reached during any period of time. Further, when the loading is reduced, the red pointer remains at the maximum value. This enables the operator to know the maximum loading of the system without continuously watching the meter. A zero corrector is provided on the front of the meter to bring back the red pointer to the position of the black pointer. A sealing/locking facility is also provided on the zero corrector to prevent tampering of the reading at the red pointer.

Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code	
Maximum Dema	nd(MDI)		(1.2ln)				
DT-M96	96X96	x/5A T=15min*	5~6000A	3.0	60	5960000	
DT-M72	72X72	x/5A T=15min*	5~6000A	3.0	100	5720000	



DT-2M96

Ref.

DT-M96

Combined Maximum Demand(CMDI)		(1.2111)				
DT-2M96	96X96	x/5A T=15min*	5~6000A	3.0 & 1.5	60	7960000

<sup>\*</sup> Also T=8min or x/1A are available upon request, Special specifications upon request.

\* Also T=8min or x/1A are available upon request, Special specifications upon request.

#### SELECTION OF METER WITH CHANGE-OVER SWITCH

Moving-iron panel Ammeter with a change-over switch is adapted for measuring AC Ampere in 3 phase 3 wire system and 3 phase 4 wire system. A three-positional switches installed on the meter frontal side enables the choice of the measured voltage in different points of the network system.

Moving-iron Voltmeter with a change-over switch is adapted for measuring line-to-line and phase-to-phase RMS voltage in 3-phase 4-wire power networks. A six(three)-positional switches installed on the meter frontal side enables the choice of the measured voltage in six(three) different points of the network system.

	Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code
,	AC Ammeter Wit	th Change-over :	Switch	2In			
	DT-AS96	96X96	x/5A*	5~6000A	1.5	48	8960000
	DT-AS72	72X72	x/5A*	5~6000A	1.5	50	8720000

<sup>\*</sup> x/1A upon request.

Note: Please mention the No.of positions for the change-over switch. Our standard option is 3 positions: L1-L2, L2-L3, L1-L3.

DT-VS96

Ref.

DT-AS96



4	AC Voltmeter Wi	ith Change-over	Switch	Vn			
	DT-VS96	96X96	-	100~600V	1.5	48	2096000
	DT-VS72	72X72	-	100~600V	1.5	50	2072000

Note: Please mention the No.of positions for the change-over switch. Our standard option is 6positions: L1-L2, L2-L3, L1-L3, L1-N, L2-N, L3-N.

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#### SELECTION OF FREQUENCY METER

Frequency meter is the instrument, which measures the frequency. Frequency meter shows the number of the cycles in 1 second. Frequency meters are connected parallel to circuit which frequency will be measured like voltmeters.

Ref.	Model	Frame Size(mm)	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code
	Pointer Frequency	Meter				
DT-F96	DT-F96	96X96	45~65Hz	1.5	60	2190000
Hz 85 65	DT-F72	72X72	45~65Hz	1.5	100	2170000
55	DT-F48	48X48	45~65Hz	2.5	256	2180000

Note: Please mention the voltage when ordering, our standard voltage are 110V, 220V, 380V, 415V, special voltage upon request.

#### RPM Frequency Meter

Ш	Hz 53 1650
ш	50
ш	1500 RPM
П	9-1
	(8)
ч	-10918 200 New Dixsen*

DT-FR96

DT-FR96	96X96	45~65Hz	1.5	60	2290000
DT-FR72	72X72	45~65Hz	1.5	100	2270000
DT-FR48	48X48	45~65Hz	2.5	256	2280000

Note: Please mention the voltage when ordering, our standard voltage are 110V, 220V, 380V, 415V, special voltage upon request.

#### DT-R96 Single Row Reed Frequency Meter



DT-R96 96X96 45~65Hz 1.5 60 2390000							
DT-R96	96X96	45~65Hz	1.5	60	2390000		
DT-R72	72X72	45~65Hz	1.5	100	2370000		

Note: Please mention the voltage when ordering, our standard voltage are 110V, 220V, 380V, 415V, special voltage upon request.

#### DT-2R96 **Double Row Reeds Frequency Meter**



ouble now needs frequency meter							
DT-2R96	96X96	45~65Hz	1.5	60	2490000		
DT-2R72	72X72	45~65Hz	1.5	100	2470000		

Note: Please mention the voltage when ordering, our standard voltage are 110V, 220V, 380V, 415V, special voltage upon request.

#### DT-2F96 **Dual Frequency Meter**



Dual Trequency III	ictor				
DT-2F96	96X96	45~65Hz	1.5	48	1390000
DT-2F72	72X72	45~65Hz	1.5	48	1370000

Note: Please mention the voltage when ordering, our standard voltage are 110V, 220V, 380V, 415V, special voltage upon request.

#### • SELECTION OF POWER FACTOR METER

Power factor meters are destined for measuring of the phase angle between the current and voltage in single-phase or three-phase AC power networks. These meters are calibrated to correspond to the cosine of the angle i.e. the power factor.

Ref.	Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code
DT-PF96	Power Factor M	eter					
	DT-PF96	96X96	1P	0.5cap-1.0-0.5ind	2.5	60	2591000
COSP 9 7 15	DT-PF96	96X96	3P	0.5cap-1.0-0.5ind	2.5	60	2593000
7 5 co	DT-PF72	72X72	1P	0.5cap-1.0-0.5ind	2.5	100	2571000
=-5 cap m-e100ef.0. er= Dixaer	DT-PF72	72X72	3P	0.5cap-1.0-0.5ind	2.5	100	2573000

Note: Please mention the voltage when ordering.

#### SELECTION OF POWER METER

Power meter is a moving-coil meter with a built- in measuring transducer. It is destined to measure active or reactive power in AC power networks. The measured power is indicated by a magnetoelectric (moving-coil) measuring system.

Ref.	Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code
DT-W96	Active Power M	eter					
	DT-W96	96X96	1P	Upon request	1.5	60	2691000
kW 400	DT-W96	96X96	3P3W	Upon request	1.5	60	2693000
5 mg	DT-W96	96X96	3P4W	Upon request	1.5	36	2694000
34-506518 Blueri	DT-W72	72X72	1P	Upon request	1.5	60	2671000
_	DT-W72	72X72	3P3W	Upon request	1.5	60	2673000
	DT-W72	72X72	3P4W	Upon request	1.5	60	2674000

Note: Please mention voltage and watts when ordering, Reactive power meter upon request.

#### SELECTION OF SYNCHROSCOPE METER

Synchroscope meter for phase comparison for single phase or three phase AC circuits, 50/60Hz.

Ref.	Model	Frame Size(mm)	Case Qty.(Pcs)	Item Code
DT-S96	Synchroscope Meter			
	DT-S96	96X96	48	2796000
	DT-S72	72X72	50	2772000
	Note: Please mention the vol	tage when ordering		

Note: Please mention the voltage when ordering.

#### SELECTION OF PHASE SEQUENCE METER

Phase sequence mete is designed for easy testing of phase sequence in three-phase systems with a permissible operating voltage up to 500V. For short connections, not longer than 5 minutes or 15 minutes for one test, a push-button switch is placed on the front plate. A disc with an indicating arrow rotates in the direction of the arrow, if the three phases are properly connected, otherwise the disc rotates in the othe direction. By changing of two wires, the phase sequence will be corrected to corresponding designation of the terminals.

Ref.	Model	Frame Size(mm)	Case Qty.(Pcs)	Item Code
DT-PS96	Phase Sequence Meter			
WELL "	DT-PS96	96X96	48	2896000
	DT-PS72	72X72	50	2872000

Note: Please mention the voltage and time (15min/5min) when ordering.

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**Dixsen**®



## ANALOGUE PANEL METER

Case

Qty.(Pcs)

Item

Code

#### LONG SCALE METER(240°)

Case Frame Measuring Class Item Ref. Model Mode Size(mm) Range Index Qty.(Pcs) Code CT Operated AC Ammeter (In) DG-A96 DG-A96 96X96 X/5A 5~6000A 1.5 48 9960000 DG-A72 72X72 x/5A 5~6000A 1.5 48 9720000

Note: x/1A upon request, using with external CT.

DG-V96



Direct Input AC	Voltmeter		(Vn)			
DG-V96	96X96	-	30~500V	1.5	48	2996000
DG-V72	72X72	-	30~500V	1.5	48	2972000

DG-F96



Frequency Meter								
DG-F96	96X96	220V	45~65Hz	1.5	48	3196000		
DG-F72	72X72	220V	45~65Hz	1.5	48	3172000		

Note: Please mention the voltage when ordering, our standard voltage are 110V, 220V, 380V, 415V, Special voltage upon request.

DG-PF96



DG-PF96	96X96	1P	0.5cap-1.0-0.5ind	2.5	48	3291000
DG-PF96	96X96	3P	0.5cap-1.0-0.5ind	2.5	48	3293000
DG-PF72	72X72	1P	0.5cap-1.0-0.5ind	2.5	48	3271000
DG-PF72	72X72	3P	0.5cap-1.0-0.5ind	2.5	48	3273000

Note: Please mention the voltage when ordering.

Power Factor Meter

DG-W96



I	Power Meter								
	DG-W96	96X96	1P	Upon request	1.5	48	3391000		
	DG-W96	96X96	3P3W	Upon request	1.5	48	3393000		
	DG-W96	96X96	3P4W	Upon request	1.5	48	3394000		
	DG-W72	72X72	1P	Upon request	1.5	48	3371000		
	DG-W72	72X72	3P3W	Upon request	1.5	48	3373000		
	DG-W72	72X72	3P4W	Upon request	1.5	48	3374000		

Note: Please mention the voltage and watts when ordering.

#### ROUND METER

Rear

		Size(mm)			
DT-DA65	Direct Input AC Ammeter				
	DT-DA52	52	-		
and the same	DT-DA65	65	-		
OLGE W. J. CLAST 23	DT-DA70	70	-		

DT-DA52	52	-	5~30A	2.5	150	1452000		
DT-DA65	65	-	5~30A	2.5	150	1465000		
DT-DA70	70	-	5~30A	2.5	100	1470000		
CT Operated AC Ammeter (In)								

Measuring

(In)

Class

Index

DT-A65

DT-V52

DC-V52

DT-A52	32	x/5A*	5~6000A	2.3	150	1520000		
DT-A65	65	x/5A*	5~6000A	2.5	150	1650000		
DT-A70	70	x/5A*	5~6000A	2.5	100	1700000		
* x/1A upon request, using with external CT.								

Direct Input AC	Voltmeter		(Vn)			
DT-V52	52	-	300V; 500V	2.5	150	1152000
DT-V65	65	-	300V; 500V	2.5	150	1165000
DT-V70	70	-	300V; 500V	2.5	100	1170000



Shunt Operated	DC Ammeter	(In)					
DC-A52	52	x/60mV*	5~6000A	2.5	150	4520000	
DC-A65	65	x/60mV*	5~6000A	2.5	150	4650000	
DC-A70	70	x/60mV*	5~6000A	2.5	100	4700000	

Direct Input DC	Voltmeter		(Vn)		
DC-V52	52	-	50mV~500V	2.5	150
DC-V65	65	-	50mV~500V	2.5	150
DC-V70	70	-	50mV~500V	2.5	100



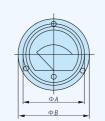
#### DIMENSION

Rear Size

52mm

65mm

70mm



66.5

83.5

90

4.5

4.5

58

73.5

75

\* X/50mV or X/75mV upon request, using with external DC Shunt.

ФЕ	П		
		<del> </del>	
		D E	С

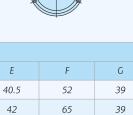
Dimension (mm)

26

31

45

65



70

35

1852000 1865000

1870000

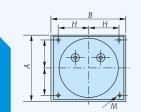
D-09 www.dixsen.com www.dixsen.com D-10

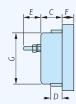


## SQUARE METER

Ref.	Model	Frame Size(mm)	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Ite. Cod		
DT-DA50	Direct input AC	Direct input AC Ammeter (In)							
2 3	DT-DA50	50×50	-	5~50A	2.5	200	1450		
A	DT-DA60	60×60	-	5~50A	2.5	150	1460		
ESSENT OF SO	DT-DA67	60×70	-	5~50A	2.5	150	1467		
0	DT-DA80	80×80	-	5~60A	2.5	100	1481		
	CT Operated AC	Ammeter		(In)					
T-A50	DT-A50	50×50	x/5A*	5~6000A	2.5	200	1500		
A	DT-A60	60×60	x/5A*	5~6000A	2.5	150	1600		
SENT DE-SC E L CLASS 25	DT-A67	60×70	x/5A*	5~6000A	2.5	150	167		
	DT-A80	80×80	x/5A*	5~6000A	2.5	100	180		
	* x/1A upon requ	est.	1						
DT-A67	Direct input AC	Voltmeter		(Vn)					
Julius Land	DT-V50	50×50	-	300V; 500V	2.5	200	1150		
Dissen OLASS 2.5	DT-V60	60×60	-	300V; 500V	2.5	150	116		
	DT-V67	60×70	-	300V; 500V	2.5	150	116		
	DT-V80	80×80	-	300V; 500V	2.5	100	118		
DC-DA50	Direct input DC	Direct input DC Ammeter (In)							
1339	DC-DA50	50×50	-	50 μ A~30A	2.5	200	175		
A A	DC-DA60	60×60	-	50 µ A∼30A	2.5	150	176		
Dissert 01-50 CLASS 2.5	DC-DA67	60×70	-	50 μ A~30A	2.5	150	176		
0	DC-DA80	80×80	-	50 µ A∼30A	2.5	100	178		
C-A50	Shunt operated	DC Ammeter		(In)					
10 20	DC-A50	50×50	x/60mV*	5~6000A	2.5	200	450		
A	DC-A60	60×60	x/60mV*	5~6000A	2.5	150	460		
ixseri (E-10 E CLASS 2.5	DC-A67	60×70	x/60mV*	5~6000A	2.5	150	467		
O	DC-A80	80×80	x/60mV*	5~6000A	2.5	100	480		
	* x/50mV or x/75	mV upon request							
DC-V50	Direct input DC	Voltmeter		(Vn)					
100	DC-V50	50×50	-	50mV~500V	2.5	200	185		
Division A	DC-V60	60×60	-	50mV~500V	2.5	150	186		
	DC-V67	60×70	-	50mV~500V	2.5	150	186		
	DC-V80	80×80	-	50mV~500V	2.5	100	188		

## DIMENSION



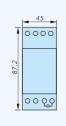


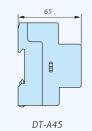
Frame	Dimension (mm)									
Size	Α	В	С	D	Е	F	G	Н	М	For Hole
50X50	50	52	23.5	13.5	4.4	12.5	45	19	3	46
60X60	60	60	24	11	9.5	11	52	24	3	53
60X70	60	70	23	10	11	12	52	24	3	53
80X80	81	81	22	12	13.5	13.5	63.5	32.5	3	65

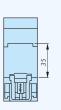
#### • SELECTION DIN RAIL METER

DIN rail meters are adapted for a fast assembly rail mounting (35mm rail).

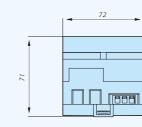
Ref.	Model	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code			
DT-A45	DIN Rail Direct Input AC Ammeter								
	DT-DA45	-	1~10A	1.5	200	1445000			
1 2 3 4	DIN Rail CT operated AC Ammeter								
A July 18 mg and	DT-A45	X/5A*	5~6000A	1.5	200	2450000			
Boost 1-bild	Din Rail Direct Input AC Voltmeter								
	DT-V45	-	100~500V	1.5	200	1145000			
DT-V45	* x/1A upon reques	t.							
0000	<ul> <li>DIMENSION</li> </ul>								



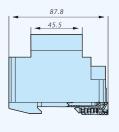


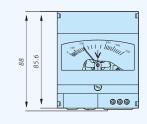


Ref.	Model	Mode	Measuring Range	Class Index	Case Qty.(Pcs)	Item Code
XT-A45	DIN Rail Direct In	put AC Ammeter				
X1-A+3	XT-DA45	-	1A~10A	1.5	200	3845000
	DIN Rail CT opera	ted AC Ammeter				
A A	XT-A45	X/5A*	5~6000A	1.5	200	3945000
24	Din Rail Direct Inp	out AC Voltmeter				
	XT-V45	-	100V-600V	1.5	200	4045000
XT-V45	* x/1A upon reques	st.				



DIMENSION





XT-A45

D-11 D-12 www.dixsen.com www.dixsen.com

D-13 www.dixsen.com

Dixsen <sup>®</sup>								
NALOGUE PANEL METE	R							
TWILL WILL L								
	• SELECTION HOUR METER  Elapsed time meter monitor ON/OFF time of plant and equipment allowing the user to perform functions such as Production Efficiency Cost Estimating and Service Period monitor-ink for preventatives maintenance etc. The time is measured in instrument of 0.01hrs up to 99999.99 hrs after which time the meter resets to zero. Non-reset table to prevent accidental resetting.  SYS elapsed time meter is suitable for usage of House, Industry, Air condition, etc.							
Ref.	Model	Frame Size (mm)	Measuring Range	Case Qty.(Pcs)	Item Code			
	Elapsed Time Meter							
DT-H96	DT-H96	96X96	99999.99Hrs	48	4196000			
	DT-H72	72X72	99999.99Hrs	48	4172000			
	DT-H48	48X48	99999.99Hrs	200	4148000			
Notice hour mater								
DT-H48	Model	Control Voltage	Measuring Range	Case Qty.(Pcs)	Item Code			
νι-Π4δ	Elapsed Time Meter				_			
220V-240V SOH≥ C€	Model	Frame Size (mm)	Measuring Range	Case Qty.(Pcs)	Item Code			
SYS	Elapsed Time Meter							
	HM-1	45X45	9999.9Hrs	200	4310000			
QUARTZ	HM-1 c/w adapter  Note: Please mention the	72X72	9999.9Hrs	200	4320000			
00000000000000000000000000000000000000	DIMENSION      48mm     HOURS     © © © © © © © © © © © © © © © © ©	45mm 0 0	44  QUARI		XXIII CO			
HM-1 c/w adapter	72mm	HOURS		-  -	58.5max × × × × × × × × × × × × × × × × × × ×			
		HM-1		SYS				
2.40								