

## 7. 배전반용 주파수계 (Panel & Switch-board Frequency Meter)



TYPE : WY-R □ □ H



TYPE : WY-S □ □ H



TYPE : WY-SH96 □ □



TYPE : WY-W □ □ H

### ● Specifications

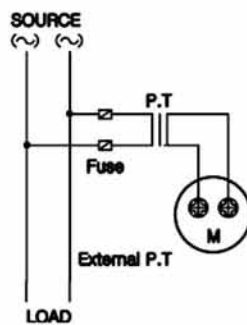
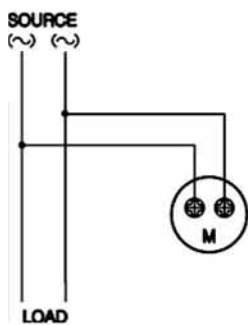
- AC Frequency meter

Type	Size(mm)	Input	Operating Principle	Class (%)	Burden (VA)	Weight(g)	Transducer	Dimension
WY-R06H	60×60	110V to 220V		±1.0	2.0	160	Ext. T/D	Refer to Page 679
WY-R08H	80×80					170		
WY-R10H	100×80					180		
WY-S47H	47×47					130		
WY-S72H	72×72					140		
WY-S96H	96×96					200		
WY-SH96H	96×96		200			Int. T/D		
WY-W08H	80×80		270					
WY-W11H	110×110						470	

### ● Description

- 본 계측기는 Transducer형 (지침형) 으로 발전기의 주파수 측정에 많이 사용됩니다.
- The types of operating principle of these meters are the Transducer type and this meter is used for measuring the frequency of generator.
- 동작전압의 범위는 정격전압 110V : 80~120V, 정격전압 220V : 160~240V.
- Usable voltage range of 110V rating : 80V to 120V and / or 220V rating : 160V to 240V.
- 주파수계의 표준 눈금은 45Hz~55Hz 또는 55Hz~65Hz 로 한다.
- The standard scale range is the 45Hz to 55Hz and / or 55Hz to 65Hz.

### ● Outside Connection Diagram





## ● Dimension

· WY-R Type Dimension

(Unit = mm)

Front view																												
Rear view	<table border="1"> <thead> <tr> <th>Type</th> <th>W</th> <th>H</th> <th>D</th> <th>A</th> <th>B</th> <th>C</th> <th>E</th> <th>Ø</th> </tr> </thead> <tbody> <tr> <td>WY-R08</td> <td>80</td> <td>80</td> <td>36</td> <td>15</td> <td>34</td> <td>30</td> <td>64</td> <td>65</td> </tr> <tr> <td>WY-R10</td> <td>100</td> <td>80</td> <td>36</td> <td>15</td> <td>36</td> <td>28</td> <td>80</td> <td>65</td> </tr> </tbody> </table>	Type	W	H	D	A	B	C	E	Ø	WY-R08	80	80	36	15	34	30	64	65	WY-R10	100	80	36	15	36	28	80	65
Type	W	H	D	A	B	C	E	Ø																				
WY-R08	80	80	36	15	34	30	64	65																				
WY-R10	100	80	36	15	36	28	80	65																				

· WY-R Type Dimension

Front view																												
Rear view	<table border="1"> <thead> <tr> <th>Type</th> <th>W</th> <th>H</th> <th>D</th> <th>A</th> <th>B</th> <th>C</th> <th>E</th> <th>Ø</th> </tr> </thead> <tbody> <tr> <td>WY-R05</td> <td>51</td> <td>51</td> <td>35</td> <td>14</td> <td>18</td> <td>18</td> <td>36</td> <td>44</td> </tr> <tr> <td>WY-R06</td> <td>60</td> <td>60</td> <td>35</td> <td>14</td> <td>24</td> <td>24</td> <td>48</td> <td>54</td> </tr> </tbody> </table>	Type	W	H	D	A	B	C	E	Ø	WY-R05	51	51	35	14	18	18	36	44	WY-R06	60	60	35	14	24	24	48	54
Type	W	H	D	A	B	C	E	Ø																				
WY-R05	51	51	35	14	18	18	36	44																				
WY-R06	60	60	35	14	24	24	48	54																				

· WY-S Type Dimension

(Unit = mm)

Front view																																					
Rear view	<table border="1"> <thead> <tr> <th>Type</th> <th>W</th> <th>H</th> <th>D</th> <th>A</th> <th>B</th> <th>C</th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>WY-S47</td> <td>48</td> <td>48</td> <td>44</td> <td>5</td> <td>44</td> <td>12</td> <td>44.5</td> <td>44.5</td> </tr> <tr> <td>WY-S72</td> <td>72</td> <td>72</td> <td>67</td> <td>5</td> <td>44</td> <td>22</td> <td>68</td> <td>68</td> </tr> <tr> <td>WY-S96, SH96</td> <td>96</td> <td>96</td> <td>91</td> <td>5</td> <td>44</td> <td>22</td> <td>92</td> <td>92</td> </tr> </tbody> </table>	Type	W	H	D	A	B	C	X	Y	WY-S47	48	48	44	5	44	12	44.5	44.5	WY-S72	72	72	67	5	44	22	68	68	WY-S96, SH96	96	96	91	5	44	22	92	92
Type	W	H	D	A	B	C	X	Y																													
WY-S47	48	48	44	5	44	12	44.5	44.5																													
WY-S72	72	72	67	5	44	22	68	68																													
WY-S96, SH96	96	96	91	5	44	22	92	92																													

· Mounting Introduction

WY-S47, WY-S96	WY-S72		WY-SH96	

TRANS

노이즈컷트렌스

무선접합릴레이

전력조정기

스마트파워

노이즈필터

고조파필터

서지보호기

보호계전기

누전경보기

지락계전기

영상변류기

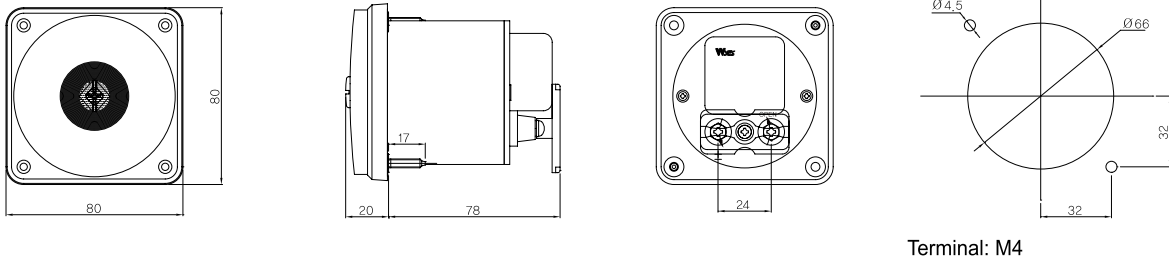
지시전기계기

계기용변성기

FAN

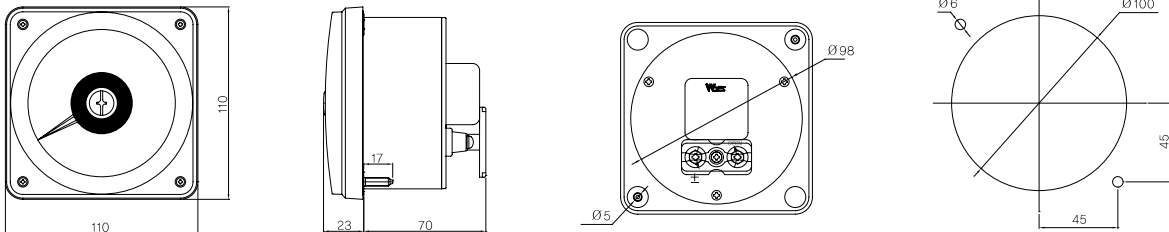
## ● Dimension

### · WY-W08 Type Dimension



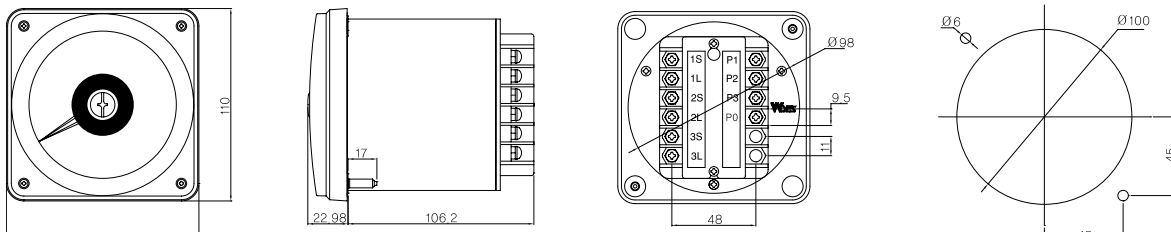
Terminal: M4

### · WY-W11 A, V Type Dimension



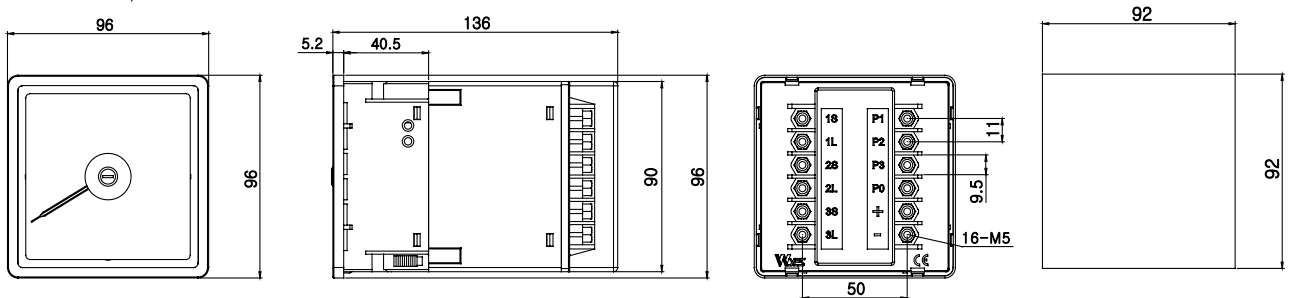
Terminal: M4

### · WY-W11 KW, var, PF Type Dimension



Terminal: M4

### · WY-SH96 KW, var PF Dimension



## ● 외부 변환기 사용

R, S, W08 타입의 Watt, var, Hz PF 계측기는 외부에 우측과 같은 변환기 (T/D) 를 사용합니다.

## ● External Transducers (For meter)

The Transducer for meter is used with the Watt, var and PF meter, etc., of the R type and S type or W08 type which is external transducer.

