

PANEL BOARD METER

교류무효전력계 var Meter (var)



· 3 Phase 3 Wire var Meter (3상 3선식 무효 전력계)

Type	Size (mm)	Input		Oper. Prin.	Class (%)	Burden(VA)		Weight (g)	Dimen.	Transducer	Remarks	
		Volt	Curr.			Volt	Curr.				Volt.	Curr.
WY-R06R3	60×60	110V or 220V	5A or 1A		±2,5	0,5	0,5	730	Refer to Page 220	Ext.	Un	Un
WY-R08R3	80×80							760				
WY-R10R3	100×80							770				
WY-S47R3	47×47							700				
WY-S72R3	72×72							710				
WY-S96R3	96×96				±1,5	730	Refer to Page 221	Int.				
WY-SH96R3						Ext.						
WY-SH96R3T						Ext.						
WY-W08R3	80×80				±1,5		780	Int.				
WY-W11R3	110×110							800		Ext.		
WY-W11R3T		Ext.										

※ Ext. : 변환기 별도 외부형(External Transducer Type), Int. : 변환기 내부 일체형(Internal Transducer Type)

· 3 Phase 4 Wire var Meter (3상 4선식 무효 전력계)

Type	Size(mm)	Input		Oper. Prin	Class(%)	Burden(VA)		weight (g)	Dimen.	Transducer	Remarks					
		Volt	Curr.			Volt	Curr.				Volt.	Curr.				
WY-R06R4	60×60	190/√3V or 380/√3V	5A or 1A		±2,5	0,5	0,5	760	Refer to Page 220	Ext.	Un	B				
WY-R06R4U								Un								
WY-R08R4	80×80							790				B				
WY-R08R4U								Un								
WY-R10R4	80×100							800				B				
WY-R10R4U				Un												
WY-S47R4	47×47			±1,5	0,5		0,5	0,5		730		Refer to Page 221	Ext.	Un	B	
WY-S47R4U										Un						
WY-S72R4	72×72														740	Un
WY-S72R4U															Un	
WY-S96R4	96×96		±1,5							0,5	0,5				830	Refer to Page 221
WY-S96R4U				Un												
WY-SH96R4	96×96				0,5	0,5	900	Refer to Page 221	Ext.	Un	B					
WY-SH96R4T											Un					
WY-SH96R4U	96×96				0,5	0,5	920	Refer to Page 221	Int.	Un	B					
WY-SH96R4UT											Un					
WY-W08R4	80×80				0,5	0,5	900	Refer to Page 221	Ext.	Un	B					
WY-W08R4U											Un					
WY-W11R4	110×110				0,5	0,5	920	Refer to Page 221	Int.	Un	B					
WY-W11R4T											Un					
WY-W11R4U											B					
WY-W11R4UT											Un					

※ Ext. : 변환기 별도 외부형(External Transducer Type), Int. : 변환기 내부 일체형(Internal Transducer Type)

· 3P 3W 무효전력계 (var)

$$\text{Calibrating Watt} = \frac{\text{최대눈금치 (Max. scale)}}{(\text{P.T ratio}) \times (\text{C.T ratio})}$$

· Example

$$\text{Calibrating Watt} = \frac{600\text{kkvar}}{3300/110\text{V} \times 100/5\text{A}} = 1,0\text{kkvar}$$

· 3P 4W 무효전력계 (var)

$$\text{Calibrating Watt} = \frac{\text{최대눈금치 (Max. scale)}}{(\text{P.T ratio}) \times (\text{C.T ratio})}$$

· Example

$$\text{Calibrating Watt} = \frac{4000\text{kkvar}}{22900/190\text{V} \times 100/5\text{A}} = 1,66\text{kkvar}$$