



- Input voltage: AC110V, AC220V, AC380V
- Dual aux. power AC/DC 85~265V, 45~70Hz
- Voltage Output: Max. load current 10mA.
- Current Output: Max. load impedance 500Ω
- Insulation AC1600V/ Min, input/ output/ power/ case
- ABS housing, suit for Din rail mount; easily installation(UL94 ClassV-0).

SPECIFICATION

◆ Accuracy	0.5%RO at 23°C±3°C.
◆ Input Range	Normal Voltage: 110V,Effective Range 55V ~ 150V. 220V,Effective Range AC 160V ~ 300V. Normal Voltage: 5A,Effective Range 0 ~ 7.5AAC. 1A,Effective Range 0 ~ 1.5AAC.
◆ Input Burden	≤0.1VA/60Hz;Current 0.3VA/60Hz.
◆ Frequency	45 ~ 70Hz.
◆ Input Over Current	0 ~ 5Aac,Over Current 15A Continuous;50A 10sec/hour,400A 0.5sec/hour.
◆ Input Over Voltage	0 ~ 110Vac,Over Voltage 500A Continuous;1200V 10sec/hour,Self Power AC 150V Maximum.
◆ Output Load	DC Current Mode: ≤500Ω as 20 mA; DC Voltage Mode : 10mA Maximum.
◆ Output Protection	Without Damage For Output Open Or Short Circuit.Resist Surge,EMI,RFI.
◆ Dielectric Strength	AC 2600V/ Min, between Input / Output / Power / Case.
◆ Impulse	5KV 1.2X50 uS,ANSI c37.90a/1983.DIN IEC 255 - 4,IEC 688-1992.
◆ Common Mode Rejection	≥120db, 50/60Hz.
◆ Stability	≤0.2% Drift Per Year.
◆ Adjustments	SPAN and ZERO ±10%.
◆ Response Time	≤400mS.0 ~ 99%.
◆ Ripple(p-p)	0.5% P-P or Option.
◆ Magnetic Effect	DIN - IEE688 ≤0.01% Change 10"Center 100A-Turn.
◆ Temperature Coefficient	≤80ppm / °C From 0 ~ 60°C ; ≤50ppm/23°C ±3°C.
◆ Operating Condition	-10°C ~ +65°C 20 ~ 90% RH Non Condensed.
◆ Storage Condition	-20°C ~ +75°C 20 ~ 90% RH Non Condensed.
◆ Power Supply	AC 110/220V ± 15% 50/60Hz. DC 24V and 48V ±15%.
◆ Self Power	110V effective range: 85 ~ 150V.The working power comes from V1 voltage.
◆ Housing Material	ABS Plastic, Self-Extinguishing to UL Subject 94 Class V-O.
◆ Case	DIN Rail.

ORDER INFORMATION

DCW	-	Code1	-	Code2	-	Code3	-	Code4	-	Code5	Watt Uni--Direction
DCW2	-	Code1	-	Code2	-	Code3	-	Code4	-	Code5	Watt Bi--Direction
DCQ	-	Code1	-	Code2	-	Code3	-	Code4	-	Code5	Var (+L , -C)

Code1	I/P Range	Code2	I/P Voltage	Code3	I/P Current	Code4	Analog O/P	Code5	Aux. Power
1	1P2W	1	AC110V	1	AC0~1A	1	0~10mA	2	AC/DC85~265V
2	1P3W	2	AC220V	2	AC0~5A	2	0~20mA		45~70Hz
3	3P3W-2CT	3	AC380V	3	AC0~10A	3	4~20mA	3	DC20~28V
4	3P4W	0	Option	0	Option	4	0~5V	4	DC48V
0	Option					5	1~5V	N	Self Power
						6	0~10V	0	Option
						0	Option		

Calibration Watts/Vars of rated output

Input	1P2W W,Var	1P3W W,Var	3P3W W,Var	3P4W W,Var
110V;1A	100	200	200	300
110V;5A	500	1000	1000	1500
220V;1A	200	400	400	600
220V;5A	1000	2000	2000	3000
440V;1A	400	800	800	1200
440V;5A	2000	4000	4000	6000

*1P3W & 3P4W Voltage : Line-Neutral. *DC Power & AC/DC Power connect to : 19+,20-