YUEQING HEYI ELECTRICAL CO.,LTD

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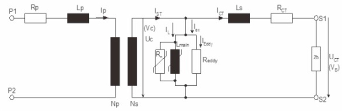
DP Series

DP range of split core current transformers have been designed to easily fit around cables without breaking the circuit. Its advantages of big capacity and big mounting hole size, could be used in more power applications. DP was global used in most power applications.

Features

Double–screw fastening, safe, easy to install, portable
Two built in fixing methods: Base; Busbar mounting
Wide inner window, allowing clamping of big cables or bus–bars
Wide range of sizes to accommodate all the existing installations.
Primary current from 5A to 6000A

Circuit connection diagram



Applications

Current measurement, monitoring and protection for electrical wiring and equipment.
Current and power measurement for electric motors, lighting, air compressor, heating and ventilation system, air–condition equipment and automation–control system.
Current, power and energy monitoring device.
Relay protection device.

Circuit connection diagram

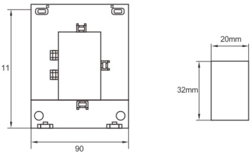
Electrical Parameter	
Frequency	50–400Hz
Rated Input	5A–6000A
Measuring range	5%In–120%In
Rated Outputt	0–5A
Ratio	⩽ ± 0.5%
Phase angle	⩽ ± 30min
Dielectric strength	2.5KV/1mA/1min
Insulation Resistance	DC500V/100MΩ min

Electrical Parameter	
Case	PC/UL94–V0
Bobbin	PBT
Core	Silicon steel
Internal structure	Epoxy
Construction	Screw
Operating Temp	–25℃ +75℃
Operating Humidity	⩽85%
Outputt Connection	Terminal

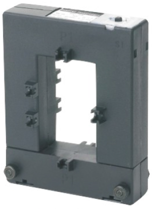
Standard

IEC61869–2, EN60044–1, VDE0414–44–1, GB1208–2006

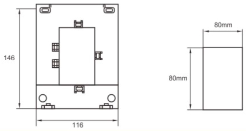
DP–23

TYPE	Rated Currentratio(A)	Burden(VA)/Accuracy		Overall and installing dimensions (mm)
		0.5	1.0	
DP–23	100/5A	···	1.5	
	150/5A	···	2.5	
	200/5A	···	2.5	
	250/5A	···	3.75	
	300/5A	2.5	5	
	400/5A	2.5	5	

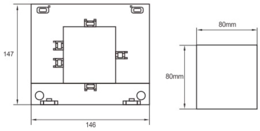
DP Series



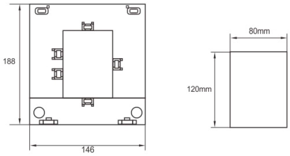
DP–58

TYPE	Rated Currentratio(A)	Burden(VA)/Accuracy		Overall and installing dimensions (mm)
		0.5	1.0	
DP–58	250/5A	···	2.5	
	300/5A	···	2.5	
	400/5A	2.5	2.5	
	500/5A	2.5	5	
	600/5A	2.5	5	
	800/5A	3.75	5	
	1000/5A	5	10	

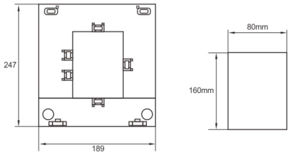
DP–88

TYPE	Rated Currentratio(A)	Burden(VA)/Accuracy		Overall and installing dimensions (mm)
		0.5	1.0	
DP–88	250/5A	···	1.5	
	300/5A	···	1.5	
	400/5A	···	2.5	
	500/5A	1.5	2.5	
	600/5A	1.5	2.5	
	800/5A	3.75	5	
	1000/5A	7.5	7.5	

DP–812

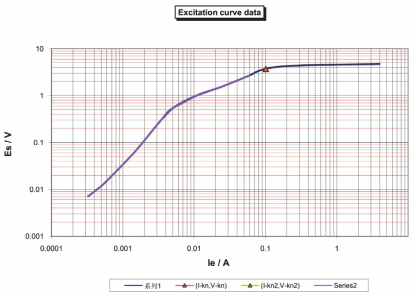
TYPE	Rated Currentratio(A)	Burden(VA)/Accuracy		Overall and installing dimensions (mm)
		0.5	1.0	
DP–812	500/5A	···	2.5	
	600/5A	···	2.5	
	750/5A	2.5	5	
	800/5A	2.5	5	
	1000/5A	5	10	
	1200/5A	5	10	
	1250/5A	5	10	
	1500/5A	5	10	
	2000/5A	5	10	

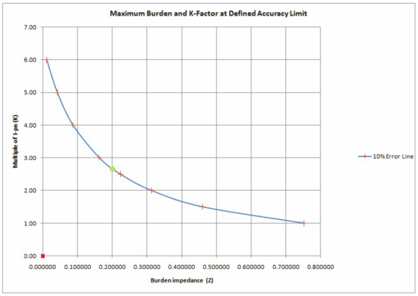
DP–816

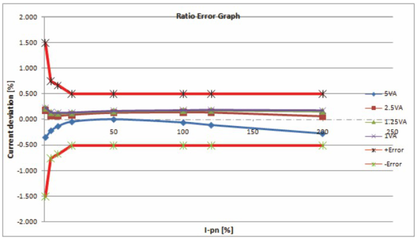
TYPE	Rated Currentratio(A)	Burden(VA)/Accuracy		Overall and installing dimensions (mm)
		0.5	1.0	
DP–816	1000/5A	5	10	
	1500/5A	7.5	10	
	2000/5A	10	15	
	2500/5A	15	20	
	3000/5A	20	25	
	4000/5A	20	25	
	5000/5A	20	25	
	6000/5A	20	25	

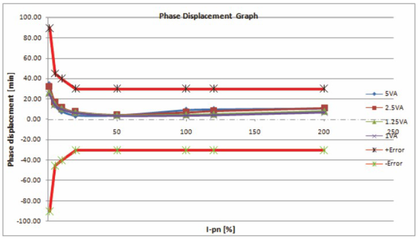
DP Series

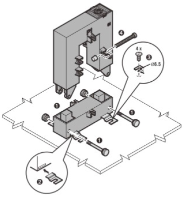
Accuracy class characteristics:

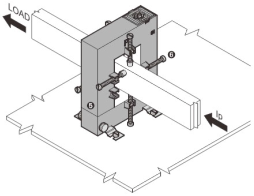


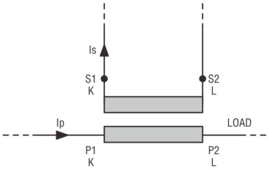


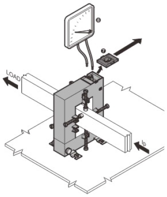












CAUTION

Before installation, safety precautions must be followed by licensed professional.
Never energize primary unless short circuited terminals or burden connected to secondary.

Customized Service

DP Series Split Core Current Transformers can be build 1A, mA and mV outputing. Please inquiry if you have customized requirement before ordering.