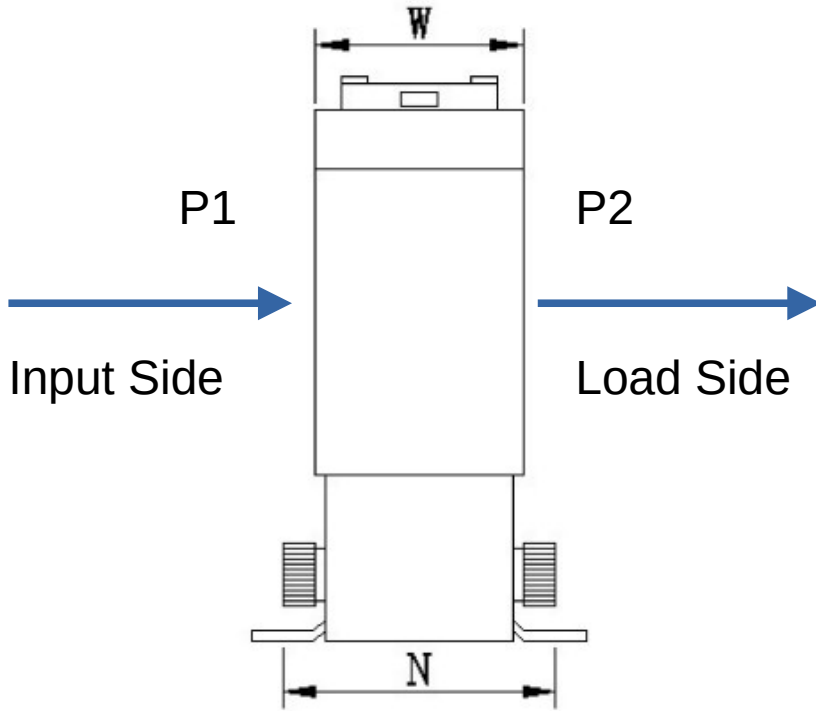


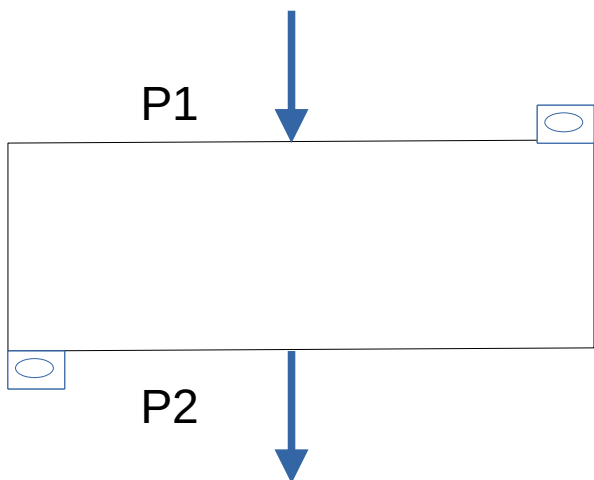
Current Flow Direction



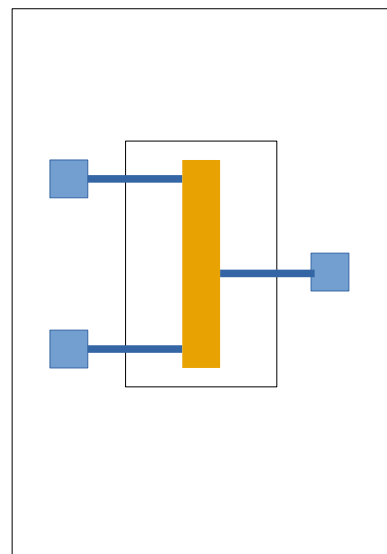
Warning. Isolate the main power circuit before Installation, or removal of CT's

CT Terminal Connections S1(K), S2(I)
Note: 4mm² Maximum Recommended Cable Size

Recommended Panel Mounting
Mounting Clips Included



Busbar Mounting
80P,125P,160P require fixing by supplied screws



CT Class and Burden



In order to maintain the specified class accuracy of CT's, ensure you have the correct cable size and length

Total Burden on CT = VA of meter + VA of Cable + VA of any cable joints or terminations

Select suitable cable diameter from the table below.

q=wire Cross section (mm ²)	Connection- wire consumption in [VA] (Pwire)																		
	For secondary current I _{sec} =5A								For secondary current I _{sec} =1A										
	L= distance from CT to measuring point								L= distance from CT to measuring point										
	1m	2m	4m	6m	8m	10m	15m	20m	1m	2m	4m	6m	8m	10m	15m	20m	30m	40m	50m
2x0.5	1.837	3.67	7.35	11.02	...	...	...	...	0.074	0.15	0.30	0.44	0.59	0.74	1.11	1.48	2.22	2.96	3.7
2x0.75	1.235	2.47	4.94	7.41	9.88	...	...	...	0.049	0.1	0.20	0.29	0.39	0.49	0.74	0.98	1.47	1.96	2.45
2x1	0.918	1.84	3.67	5.51	7.34	9.18	...	...	0.037	0.07	0.15	0.22	0.30	0.37	0.56	0.74	1.11	1.48	1.85
2x1.5	0.613	1.23	2.45	3.68	4.94	6.13	9.20	...	0.025	0.05	0.10	0.15	0.2	0.25	0.38	0.50	0.75	1.00	1.25
2x2.5	0.368	0.74	1.47	2.21	2.94	3.68	5.52	7.36	0.015	0.03	0.06	0.09	0.12	0.15	0.23	0.30	0.45	0.60	0.75
2x4	0.233	0.47	0.93	1.4	1.86	2.33	3.50	4.66	0.009	0.02	0.04	0.05	0.07	0.09	0.14	0.18	0.27	0.36	0.45
2x6	0.149	0.3	0.6	0.89	1.19	1.49	2.23	2.98	0.003	0.006	0.012	0.018	0.024	0.03	0.045	0.06	0.09	0.12	0.15

Example of Meter Wiring using reference meter model Eastron SDM630MCT Series

current and Voltage inputs

