



Product Code										Description	
PMC- 592 Multi Circuit Power Meter											
Functionality										The PMC-592 Base Unit comes with 2xMains Inputs, each with 3-phase Voltages and 4-phase Currents, 2xRTD Inputs, 2xDI, 2xDO, 1xRS-422/485 Port (HMI Interface), 1xRS-485 Port and 1x100BaseT Port. It supports up to 4 CT Branches with a maximum 21 CTs per Branch.	
A											
Current Rating for the 2 Mains Feeders											
5											5A: Standard
1											1A
Voltage Rating for the 2 Mains Feeders											
3											277VLN/480VLL
Control Power Ratings											
2											95-277 VAC/DC, 47-440Hz
Power System Frequency											
5										50Hz	
6										60Hz	
Current Rating for Branch Feeders										100A Branch Current Inputs * Select this option for use with 100A Fixed Core CT Strip or with CT Adapter Board and 100A-1600A Branch SCCTs 10(5)A CT Inputs * This option cannot be used with Branch SCCTs	
100											
010											
Langue Version for Front Plate										English: Standard for International	
E											
PMC-592	-	A	5	3	2	5	100	E	PMC-592-A5325100E (Standard Model)		

- 1) The PT100 sensor for the RTD Input is an optional item.
- 2) Please refer to PMC-592 Accessories for the PT-100 sensor, Mains SCCT, Branch SCCT, Branch CT Strip, CT Adapter Board and Branch Circuit Cable options.
- 3) The PMC-592's HMI with 7" LCD with 24VDC power supply module is an optional item.
- 4) Please refer to the PMC-592 Accessories for the different options of Branch Circuit Cable Length for connecting the Main Unit to the CT Strip or the SCCT Adapter Board. The Branch Circuit Cable must be ordered separately and can be ordered with different cable length for each Branch Circuit. Please order one Branch Circuit Cable for each Branch.



Product Code				Description	
PMC- 592-HMI					
		Basic Function			
		A		7" TFT LCD, 800x480, 1xRS-422/485 port, a RS-422 cable and an external 24VDC Switching Power Supply	
		C		Same as 'A' but supports two PMC-592 (168 feeders)	
		D		Same as 'A' but supports four PMC-592 (336 feeders)	
		Interface Language			
		E		English	
PMC-592-HMI	-	A	E	PMC-592-HMI-AE (Standard Model)	

*The standard cable length for connecting the HMI to the PMC-592 Main Unit is 3.0m.
Please contact the factory in advance for special requirements.



PMC-592 Accessories

Branch CT Strips

Model #	Specifications	Accuracy	Inner Diameter
PMC-CTS-21A100	21 Fixed Type CT, 100A, 3/4" spacing	0.1	11mm
PMC-CTS-21B100	21 Fixed Type CT, 100A, 1" spacing	0.1	11mm
PMC-CTS-21A010	21 Fixed Type CT, 5A, 3/4" spacing	0.1	11mm
PMC-CTS-12A100	12 Fixed Type CT, 100A, 3/4" spacing	0.1	11mm
PMC-CTS-12A010	12 Fixed Type CT, 5A, 3/4" spacing	0.1	11mm

CT Adapter Board for Split-Core CT

Model #	Description
PMC-CT-ADB	To connect up to 21 individual Split-Core or Solid-Core CTs to this board

Branch Circuit Cable

Model #	Cable Length	Diameter	Max. Resistance at 20°C
PMC-BCC-0.4	0.4m	8.2mm	237Ω/Km
PMC-BCC-1	1.0m	8.2mm	237Ω/Km
PMC-BCC-1.8	1.8m	8.2mm	237Ω/Km
PMC-BCC-3	3.0m	8.2mm	237Ω/Km
PMC-BCC-6	6.0m	8.2mm	237Ω/Km
PMC-BCC-10	10.0m	8.2mm	237Ω/Km

Optional Split-Core CT for Mains (Output Wire Length = 2.0m)

***Please select the 1A option for PMC-592's Mains Current Inputs**

Split-Core CT Model #	Current Ratio	Accuracy	Aperture (mm)	Load
PMC-SCCT-400A-1A-A	400A/1A	0.5	50x80	5Ω
PMC-SCCT-600A-1A-A	600A/1A	0.5	50x80	5Ω
PMC-SCCT-800A-1A-A	800A/1A	0.5	50x80	5Ω
PMC-SCCT-1000A-1A-A	1000A/1A	0.5	80x120	5Ω

Optional Split-Core CT for Branch Circuits

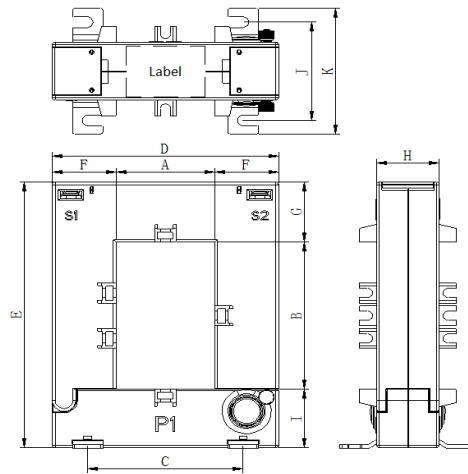
Split-Core CT Model #	Current Ratio	Accuracy	Aperture (mm)	Output Wire Length	Load
PMC-SCCT-100A-40mA-16-A	100A/40mA	0.5	Ø16	2m	20Ω
PMC-SCCT-200A-40mA-24-A	200A/40mA	0.5	Ø24	2m	10Ω
PMC-SCCT-400A-40mA-35-A	400A/40mA	0.5	Ø35	2m	10Ω
PMC-SCCT-800A-40mA-A	800A/40mA	0.5	80x50	Not included	10Ω
PMC-SCCT-1600A-40mA-A	1600A/40mA	0.5	129x55	Not included	10Ω

Optional Solid-Core CT for Branch Circuits

Solid-Core CT Model #	Rating	Accuracy	Aperture (mm)	Output Wire Length	Load
PMC-CT-100A-40mA-12-A	100A/40mA	0.2	Ø12	2m	20Ω
PMC-CT-400A-40mA-A	400A/40mA	0.2	31x24	Not included	20Ω
PMC-CT-800A-40mA-A	800A/40mA	0.2	103x33	Not included	20Ω

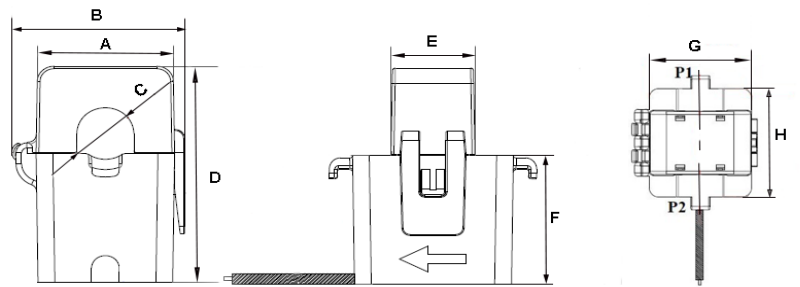
Optional PT100 Sensor

PT100 Model #	Cable Length
WZPT-1031	3m



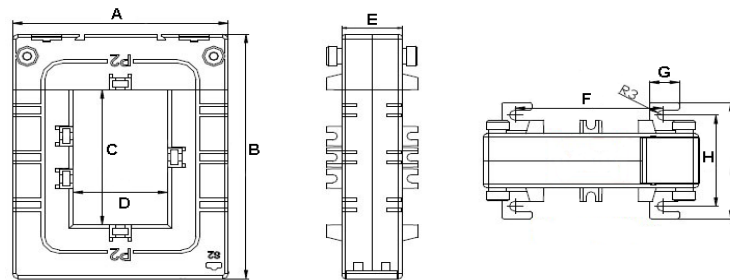
PMC-SCCT-xxxxA-1A-A

Dimension (mm)	A	B	C	D	E	F	G	H	I	J	K
PMC-SCCT-400A-1A-A	50	80	78	114	145	32	32	32	33	52.5	67.5
PMC-SCCT-600A-1A-A	50	80	78	114	145	32	32	32	33	52.5	67.5
PMC-SCCT-800A-1A-A	80	80	108	144	145	32	32	32	33	52.5	67.5
PMC-SCCT-1000A-1A-A	80	120	108	144	185	32	32	32	33	52.5	67.5



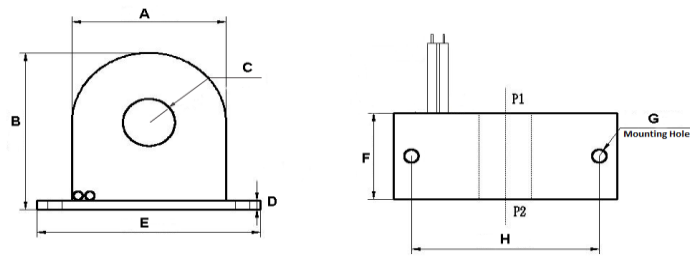
PMC-SCCT-xxxxA-40mA-x-A

Dimension (mm)	A	B	C	D	E	F	G	H
PMC-SCCT-100A-40mA-16-A	30.26	38	16.1	48.9	19.9	28.6	30.7	33.9
PMC-SCCT-200A-40mA-24-A	44.3	53.5	24.1	70	20	40.5	45	40.2
PMC-SCCT-400A-40mA-35-A	57.3	67	35.1	83	22.5	47	58.2	42.8

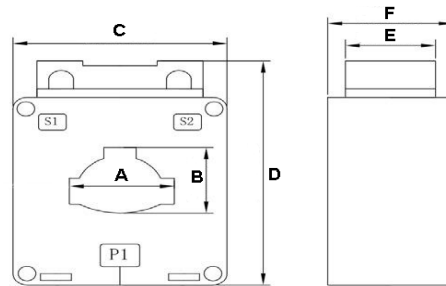


PMC-SCCT-xxxxA-40mA-A

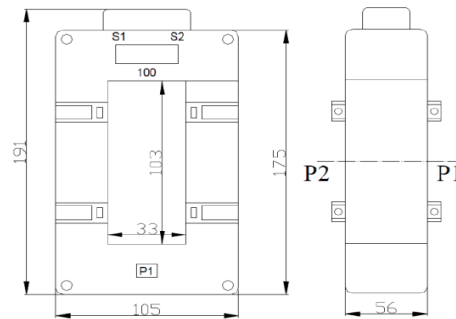
Dimension (mm)	A	B	C	D	E	F	G	H	I
PMC-SCCT-800A-40mA-A	114	145	80	50	32	77	16	50	65
PMC-SCCT-1600A-40mA-A	143.2	191	129	55	49.2	108	15.8	54	69



Dimension (mm)	A	B	C	D	E	F	G	H
PMC-CT-100A-40mA-12-A	35.8	40	12	2.4	51.5	22	3.3	43.5



Dimension (mm)	A	B	C	D	E	F
PMC-CT-400A-40mA-A	31	24	59	78.5	27.5	30.5



PMC-CT-800A-40mA-A