

SMART 7KT (Modbus RTU)



Graphical LCD Screen
 Suitable for standard 96*96 panel mounting
 Accuracy Class1 for Active Energy as per IEC62053-21
 Total Harmonics Distortion- %THD- Voltage & Current
 1 DI- Digital Input for Status monitoring
 CT Secondary- 1A or 5A
 ON Hours Counter

Interface	Ordercode	THB (บาท)
Modbus RTU	7KT0310	8,200

General Features

MLFB	7KT0310
Mounting Type	Panel
Terminal	Screw Type
Dimension	96 x 96 x 50 mm
IP Protection	IP65 On Front When Installed
Display Type	LCD with Bar Graph display
Temperature	-20° to +60° C
Humidity	0% to 95% without moisture consideration
Password Protection	Yes

Measuring Range

Nominal Current	3 x 0 - 5 A with max. 20% Overload
CT Primary	1 A - 10000 A
CT Secondary	Selectable - 1 A or 5 A
Input Voltage L-L/L-N	480 V / 276 V
Rated Frequency	50/60 Hz
Network	1P2W, 3P3W, 3P4W

Control Supply

Input voltage range	95 - 240 V AC ± 10%
Consumption	8 VA max
Frequency	45 - 65 Hz

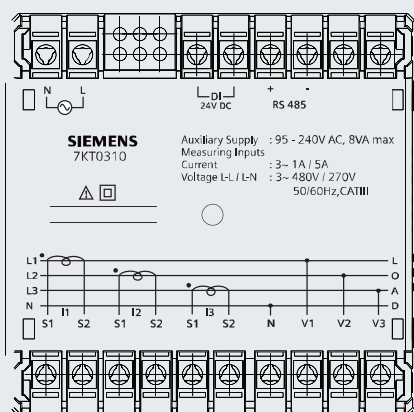
Display Parameters & Range :

Voltage (Phase and Average)	Yes
Current (L1, L2, L3)	Yes
Frequency	Yes
Neutral Current (Instantaneous on Display)	Yes
% THD - IV	Yes
Power (Active / Reactive / Apparent)	Yes
Min / Max Values of Power	Yes
Power Factor (Phase wise & Average)	-1.00 to + 1.00
Phase Angle	Yes
Energy (Active, Reactive, Apparent)	Yes (Instantaneous, Class 1)
Maximum Demand	Yes
ON Hour Counter	Yes
Pollution Degree	II
Overvoltage Category	III

System Communication

Communication Interface	RS 485 Interface, Modbus RTU Protocol
Digital Input (DI) / Digital Output (DO)	1 DI

Terminal Connection



Dimensions (in mm)

