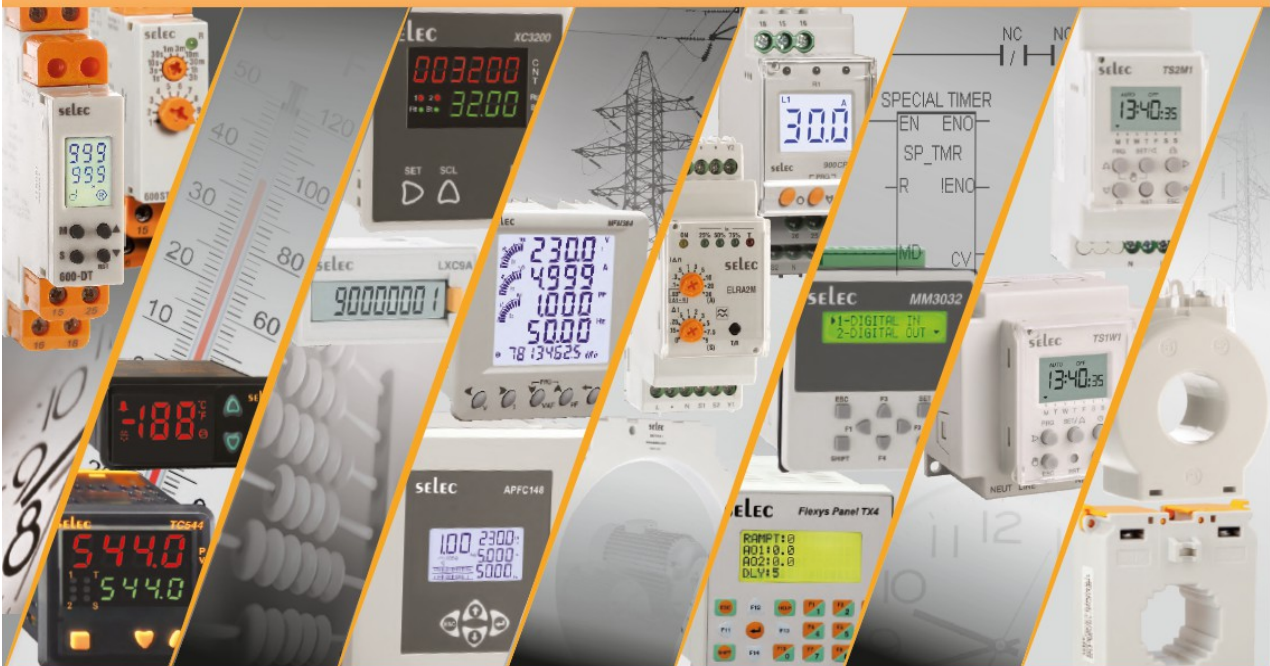


PRODUCT SELECTION GUIDE

selec[®]
Creating Best Value



- Meters • CTs • Protection Relays • Power Factor Controllers
- Time Switches • Timers • Counters • Temperature Controllers
- Process Indicators • PLCs • HMI • Aluminium Enclosures

Multifunction Meters



MFM384
96(H) x 96(W)mm



MFM284
72(H) x 72(W)mm



MFM383A
96(H) x 96(W)mm



MFM376
96(H) x 96(W)mm

FEATURES	<ul style="list-style-type: none"> Bar graph representation for current Single pulse output %THD up to 31st level Demand measurement 	<ul style="list-style-type: none"> Compact size Single pulse output %THD up to 31st level Demand measurement 	<ul style="list-style-type: none"> Single pulse output Energy (Active / Reactive / Apparent) 	<ul style="list-style-type: none"> Single pulse output Max / Min demand (Power) Run hour Auxiliary interrupts Phase angle detection
DISPLAY	LCD with backlight			7 segment LED
DIGITS	4 rows of 4 digits, Bargraph representation for current, 1 row of 8 digits for energy display	3 rows of 4 digits, 7½ digits for energy display		3 rows of 4 digits
ELECTRICAL CONNECTION	1Ø - 2W, 2Ø - 3W, 3Ø - 3W, 3Ø - 4W			
RATED INPUT VOLTAGE	11 to 300V AC (L - N), 19 to 519V AC (L - L)			
RATED INPUT CURRENT	Nominal 5A AC (Min - 11mA; Max - 6A)			Nominal 5A AC (Min - 14mA; Max - 6A) (Isolation CTs mandatory)
RESOLUTION	For energy: 0.01k, 0.1k, 1k, 0.01M, 0.1M, 1M (Depending upon CT ratio x PT ratio), For Power, Voltage & Current: Auto resolution, For Power factor: 0.001	For energy: 0.1k, 1k (Depending upon CT ratio x PT ratio) For Power, Voltage & Current: Auto resolution, For Power factor: 0.001	For energy: 0.01k, 0.1k, 1k, 0.01M, 0.1M, 1M (Depending upon CT ratio x PT ratio), For Current, Voltage, Power: Auto resolution, For Power factor: 0.001	
CT PRIMARY	1 / 5A to 10kA (Programmable for any value)			
CT SECONDARY	1 / 5A (Programmable)			
PT PRIMARY	100V to 500kV (Programmable for any value)	100V to 10kV (Programmable for any value)		100V to 500kV (Programmable for any value)
PT SECONDARY	100 to 500V AC (L - L) (Programmable for any value)			
COMMUNICATION	RS485 MODBUS RTU protocol (Optional)			
MEASURING PARAMETER	Voltage (L - L / L - N) (Individual / Average), Current (Individual / Average), Frequency, Power factor (Individual / Total), Active, Reactive & Apparent Power (Individual / Total), Active, Reactive & Apparent Energy (Total)			
ADDITIONAL FUNCTIONS	Phase sequence detection, Neutral current measurement	--		Max instantaneous (Current / Voltage), (Import / Export) Energy, %THD up to 31 st level (For MFM376-C)
SUPPLY VOLTAGE	100 to 240V AC, -15% to +12%, 50 / 60Hz (Power consumption : Less than 8VA)			240V AC, ±20% (For MFM376-230VAC), 50 / 60Hz, 85V to 270V AC 50 / 60Hz & 40 to 270V DC, (For MFM376-C)