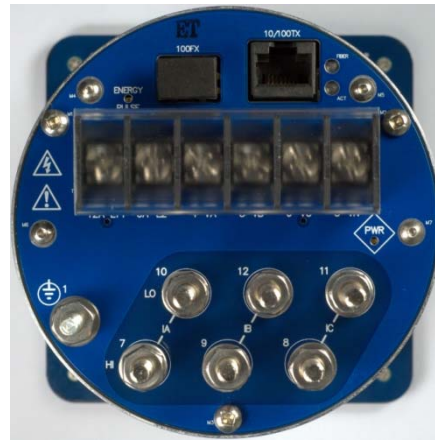


M660 Family Advanced SCADA Meters with Optional IEC 61850



M660 M3



M660 back

Model Selection Guide:

M660 Family of Advanced SCADA Meters with Optional IEC 61850 or EtherNet/IP		
Model	Display	Measurements
M3	3-line plus alphanumeric	Instantaneous plus demands and THD
T3	3-line plus alphanumeric	Instantaneous plus demands and THD; trend recording

M660 Family Order Guide

Model: M660

M660, Advanced SCADA Meter with Optional IEC 61850 or Ethernet/IP
Category and Description of Choices

Family

M660, SCADA Meter, IEC 61850 Protocol, 3-Phase

Base Model

Multifunction, Advanced, 3 Line Display Plus Alphanumeric
Multifunction, Advanced, Trend Recording, 3 Line Display Plus Alphanumeric

Power Supply

24 V dc (8-40 dc range), with monitoring (**N/A with C option in Position 8**)
Universal, 48-250 V dc/69-240 V ac, with monitoring

Signal Input Range

120 V ac, 0-5 Amps
120 V ac, 0-1 Amps
120 V ac, 0-5 Amp Split-Core CTs (3)
120 V ac, 0-20 Amps

Communication Port

None (**N/A with option C in Position 8**)
Serial (Programmable RS-232/RS-485)
Fiber Ethernet, LC connector, 100BaseFX, protocols enabled (**N/A with C option**)
KYZ Pulse Output, 4 (with common return)

Ethernet Port

Ethernet 10BaseT/100BaseTX, IEC 61850 plus Modbus or DNP3
Ethernet 10BaseT/100BaseTX, Modbus/DNP3 Only
Ethernet 10BaseT/100BaseTX, Industrial Protocol (EtherNet/IP) plus Modbus or DNP3
[End of Order Guide](#)

Optional Accessory for Mounting Split-Core CT

BRKTMX5XCTEND, End Mount



BRKTMX5XCTSIDE, Side Mount



Build Order#

Position 1-4
M660

Position 5-6
M3
T3

Position 7
D
P

Position 8
5
1
C
T

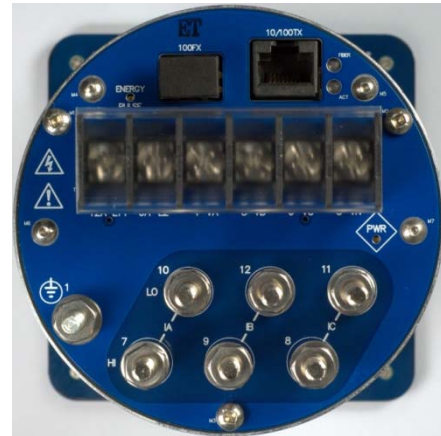
Position 9
0
1
5
7

Position 10
1
3
4

M661 Family Advanced Transducers With Optional IEC 61850



M661 Front Mounting View



M661 Back View

Model Selection Guide:

M661 Family of Advanced SCADA Transducers with Optional IEC 61850 or EtherNet/IP		
Model	Display	Measurements
M3	None	Instantaneous plus demands and THD
T3	None	Instantaneous plus demands and THD; trend recording
P3	None	Instantaneous plus peak fault current, demands and THD

M661 Family Order Guide

Model: M661

M661, Advanced SCADA Transducer with Optional IEC 61850 or Ethernet/IP
Category and Description of Choices

Build Order#

Family

M661, SCADA Transducer, IEC 61850 Protocol, 3-Phase

Position 1-4

M661

Base Model

Multifunction, Advanced
Multifunction, Advanced, Trend Recording
Multifunction, Advanced, Peak Fault Current

Position 5-6

M3
T3
P3

Power Supply

24 V dc (8-40 dc range), with monitoring (**N/A with C or L options in Position 8**)
Universal, 48-250 V dc/69-240 V ac, with monitoring (**M3 and T3 only**)
80 - 150 V ac (**used with signal input option L only as part of P3**)

Position 7

D
P
A

Signal Input Range

120 V ac, 0-5 Amps
120 V ac, 0-1 Amps
120 V ac, 0-5 Amp Split-Core CTs (3)
120 V ac, 0-20 Amps
10 V ac, 6 inputs plus one digital input, pole top application (**uses option A power supply**)

Position 8

5
1
C
T
L

Communication Port

None (**N/A with option C in Position 8**)
Serial (Programmable RS-232/RS-485)
Fiber Ethernet, LC connector, 100BaseFX, protocols enabled (**N/A with C option**)
KYZ Pulse Output, 4 (with common return)

Position 9

0
1
5
7

Ethernet Port

Ethernet 10BaseT/100BaseTX, IEC 61850 plus Modbus or DNP3
Ethernet 10BaseT/100BaseTX, Modbus/DNP3 Only
Ethernet 10BaseT/100BaseTX, Industrial Protocol (EtherNet/IP) plus Modbus or DNP3

Position 10

1
3
4

[End of Order Guide](#)

Optional Accessory for Mounting Split-Core CT

BRKTMX5XCTEND, End Mount



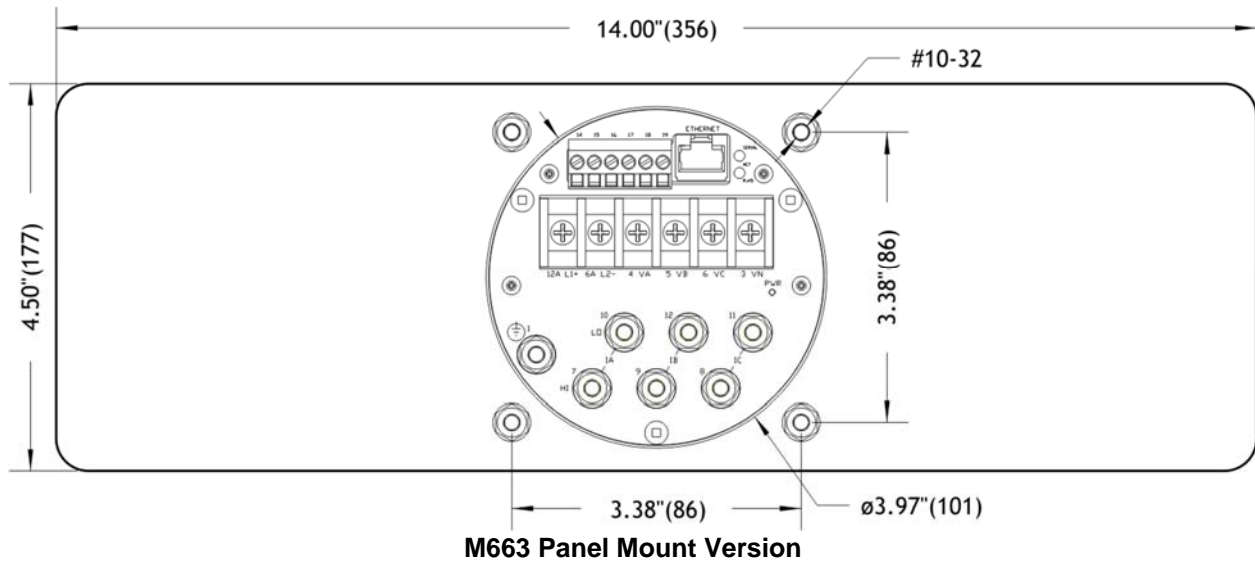
BRKTMX5XCTSIDE, Side Mount



M663 Family Advanced Three-Display Meters With Optional IEC 61850



M663 M3



Model Selection Guide:

M663 Family of Advanced Three-Display Meters with Optional IEC 61850 or EtherNet/IP		
Model	Display	Measurements
M3	3-line plus alphanumeric	Instantaneous plus demands and THD
T3	3-line plus alphanumeric	Instantaneous plus demands and THD; trend recording

M663 Family Order Guide

Model: M663

M663, Advanced Three-Display Meter with Optional IEC 61850 or Ethernet/IP

Category and Description of Choices

Build Order#

Family

M660, Advanced SCADA Meter, 3-Phase

Position 1-4

M663

Base Model

Multifunction, Advanced, 3 Line Display Plus Alphanumeric
 Multifunction, Advanced, Trend Recording, 3 Line Display Plus Alphanumeric

Position 5-6

M3
 T3

Power Supply

24 V dc (8-40 dc range), with monitoring (N/A with C option in Position 8)
 Universal, 48-250 V dc/69-240 V ac, with monitoring

Position 7

D
 P

Signal Input Range

120 V ac, 0-5 Amps
 120 V ac, 0-1 Amps
 120 V ac, 0-5 Amp Split-Core CTs (3)
 120 V ac, 0-20 Amps

Position 8

5
 1
 C
 T

Communication Port

None (N/A with option C in Position 8)
 Serial (Programmable RS-232/RS-485)
 Fiber Ethernet, LC connector, 100BaseFX, protocols enabled (N/A with C option)
 KYZ Pulse Output, 4 (with common return)

Position 9

0
 1
 5
 7

Ethernet Port

Ethernet 10BaseT/100BaseTX, IEC 61850 plus Modbus or DNP3
 Ethernet 10BaseT/100BaseTX, Modbus/DNP3 Only
 Ethernet 10BaseT/100BaseTX, Industrial Protocol (EtherNet/IP) plus Modbus or DNP3

Position 10

1
 3
 4

Mounting Option

Fourteen-inch-wide meter with mounting studs for panel mounting
 Nineteen-inch-wide rack mount meter

Position 11-12

0P
 0R

End of Order Guide

Optional Accessory for Mounting Split-Core CT

BRKTMX5XCTEND, End Mount



BRKTMX5XCTSIDE, Side Mount

