

# Multicore Sensor

## Current and or Voltage Sensors for Distribution Protection and Automation applications up to 46kV and 600A

### How to Order

96 6 2 / S 1 2 0 1

#### Connector

Blank=Standard ITT Cannon Connector  
M=Molex Connector  
C=Cast-in Cable

#### Tube

0=1.185" I.D. Stainless Steel Tube  
1=1.185" I.D. S.S. tube with S.S. bonding clamp  
2=Aluminium bus bar, 2 hole pads  
3=Aluminium bus bar, 4 hole pads  
x= Special

#### Choke Type

0=none used  
C=clamp mount, included

#### Voltage Divider Ratio

0=none	5=60:1
1=1400:1	6=120:1
2=3300:1	7=166:1
3=3300:1	x=Special
4=10000:1	

#### Current Output Signal

0=none	4=600A:1A
1=600A:10V	5=300A:5A
2=600A:6V	6=300A:10V
3=600A:5A	x=Special

#### Top Configuration

C=Clamp Top (not available with 9680)  
S=Substation / Switchgear Top / Busbar  
T=Tie Top (15kV only)

#### Leakage Distance

0=standard	15kV,=13"
2=extra 6"	25kV,=20"
3=extra 9"	35kV,=29"
4=extra 12"	46kV,=33"

#### Insulation Class

5=15kV (110kV BIL)  
6=25kV (150kV BIL)  
7=35kV (200kV BIL)  
8=46kV (250kV BIL)  
x=Special

#### Distribution Class CVMI



Substation/Switchgear style CVMIs are used where a conductor can be threaded through and clamped to the stainless steel tube.



Multicore Sensor eliminates the need to cut the conductor or make a jumper through a tube.



Bus Bar style CVMIs are equipped with standard 2 or 4 hole NEMA pads.



Clamp Top CVMI for replacing any horizontal or vertical line post insulator.



*Example:* 9660/120 - 25kV Clamp Top Style CVMI, standard leakage distance, 600A:10V current output signal, 2200:1 voltage divider ratio with 9602 clamp choke and 1.185" I.D. Stainless Steel tube.