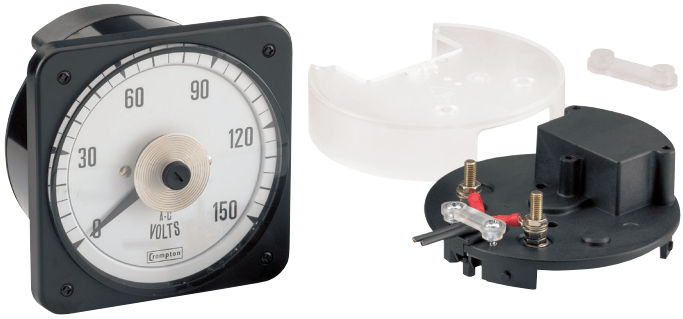
CROMPTON INSTRUMENTS COMPACT ANSI SWITCHBOARD METER

AMP, VOLT AND FREQUENCY



Class 1 accuracy metering performance.

APPLICATIONS

- Switchgear
- Distribution systems
- Energy management
- Process control
- Building management

RELEVANT STANDARDS AND TEST REPORTS

•UL approved file no. E203000

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KEY FEATURES

- Low profile
- Class 1 accuracy
- Optional panel gasket
- Reliability
- Long scale 240°
- Enhanced safety
- Reinforced insulation
- ANSI C39.1

ACCESSORIES

The Compact ANSI Switchboard meter also comes with a range of accessories to compliment the product.

- Cable Clamp
- Terminal Cove

TE Connectivity's (TE) Crompton Instruments compact ANSI switchboard meter offers Class 1 accuracy metering performance packed in a low profile, depth saving case.

The 007 switchboard meters are a direct drop-in replacement for our legacy switchboard products.

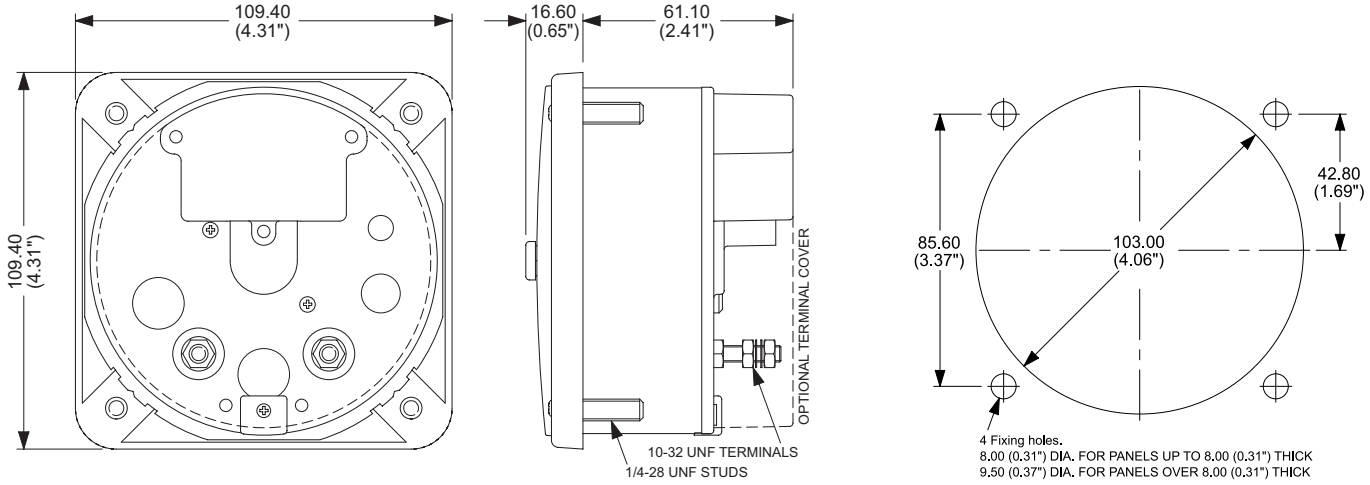
The compact case also offers a lightweight, heavy duty polycarbonate case which is electrically safe.

The 4½ inch meter complies with ANSI-C39.1 specifications.

TECHNICAL SPECIFICATIONS

Accuracy	Class 1
Specification	ANSI C39.1
Scale length	6.9" ~179mm
Scale	250°
AC rms meters	30% 3rd harmonic influence <1.5%
Temperature range	32-140°F (0-60°C)
Temperature influence	0.033% °F typical (0.06% °C)
Terminal studs	10/32 UNF
Mounting studs	1/4" UNF
Overloads	1.2x continuous, AC current 20x for 1 second
Sealing	to IP 54 front of panel
Response time	approx 2.5 sec to FS
Calibrated for vertical panel mounting	

DIMENSIONAL INFORMATION



ORDERING INFORMATION

Part number	Function
007-05FA	AC rms reading ammeter, linear scale, left zero
007-05GA	AC rms reading voltmeter, linear scale, left zero
007-05VA	DC voltmeter, left zero
007-05AA	DC milliammeter/millivoltmeter, left zero
007-05CA	DC milliammeter/millivoltmeter, centre zero
007-05RA	DC milliammeter, suppressed zero (4/20 mA etc)
007-055A	DC transducer indicator, scaled watts
007-056A	DC transducer indicator, scaled var
007-41LA	AC frequency meter
007-05BA	AC rectified ammeter
007-05PA	DC voltmeter, centre zero
007-05NA	DC voltmeter, centre zero
007-05ZA	DC voltmeter, expanded scale
007-05DA	DC ammeter, offset zero
007-05WA	AC rectified voltmeter
007-05YA	AC voltmeter, expanded scale

PRODUCT CODE AND ORDERING INFORMATION EXAMPLE

007-05GA-PZPZ-C7
RMS compensated Switchboard meter.

HOW TO ORDER

To order an equivalent for a 077, AB40 0r DB40 type meter, order exactly the same code, except replace 077 with 007.

E.g: 077-05FA-LSPK-C7 is 0-5A electrical scale, 0-100A dial AC ammeter, 50-60Hz. 007-05FA-LSPK-C7 provides identical specification in compact body style

Ammeter codes

Code	Range
LA	0-1A rms
LS	0-5A rms
MT	0-10A rms
EA	0-200uA
FA	0-1mA
HF	0-20mA
EA	100-0-100uA
FG	1-0-1mA
HG	4-20mA

Voltmeter codes

Code	Range
PZ	0-150V rms
RS	0-250V rms
RX	0-300V rms
SJ	0-600V rms
Z4	0-10V DC
NL	0-30V DC
PZ	0-150V DC
RX	0-300V DC
EY	0-50mV/4mA
GB	50-0-50mV
GM	100-0-100mV
PZ	150 rms
PS	125 rms

Scaling Meter codes

Code	Range
UJ	5000V AC
RN	200-250V AC
SE	380-480V AC
SJ	0-600V AC
SN	0-800A AC
WC	0-15KV AC

Code	Range
AN	55-65Hz
AG	45-55Hz
C6	60Hz
C7	50-60Hz

Learn more: TE.com/energy

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