



**BROOKS UT  
RECOMMENDED REMOVABLE**  
Size: Part Number:  
1/2" 6000 8077 A  
3/4" 6000 8077 B  
1" 6000 8077 C  
1 1/2" 6000 8077 D  
2" 6000 8077 E  
3" 6000 8077 F

**BROOKS UT**  
30 AMP Continuous Duty  
Catalog No. 602  
CS Phone  
FOR USE ONLY WITH CURRENT TRANSFORMERS RATED 20 AMP  
MAY BE USED WITH METER REMOVED  
(DESIGNATED BY WHITE MARK)

 **Brooks**  
Utility Products

**SAFETY METER  
SOCKET**



## SAFETY METER SOCKETS

Utilities face many issues today, none more prominent or important than worker safety. Increased adoption of Smart Grid and AMI has most utilities in the U.S. beginning to replace traditional meters with new solid-state smart meters.

These new systems offer significant new benefits to both the consumer and the electricity service provider, yet they also introduce new risks, because there is an increase in installations and decrease in frequency of physical inspections.

### ENHANCED SAFETY FEATURES

- The dead front shield acts as a protective barrier which significantly reduces risk of accidental contact with live wiring.
- Components are enclosed offering an enhanced layer of protection from environmental factors such as dust and debris, and conduit leaks.
- All complex wiring is done within the block resulting in a straight linear path of wire between Safety Meter Block and the test switch.
- Termination points on the safety meter blocks directly align with standard 10-pole molded base test switches making the wiring much neater and easier to identify.
- Accidents from dropping tools across the socket jaws are greatly reduced due termination points being located at the bottom of the block. If the test switch has a cover, this danger is almost entirely eliminated.
- Screws for the wire termination are captured creating an additional layer of safety compared to standard meter blocks, which typically have removable hardware that can fall onto the test switch creating an arc flash.



SAFETY



SECURITY



RELIABILITY



## FEATURES

- Finger safe-jaws and finger-safe recessed compression terminals, reducing risk of exposure to and contact with live wiring.
- Available in 13 and 8 terminal configurations.
- Straight, simple to trace wire harness.
- Color code for wiring and test switch handles.
- Numbered connection points and jaws for reference.
- Terminals line up with Brooks standard 10-pole molded base test switches.
- Additional room near the top of the enclosure above the meter block due to no top side termination points.
- Ring or ringless style.
- UL Listed: 30 amp max, 600 Volts AC, Transformer rated.
- Patent # 10,020,627



## PRE-WIRED METERING

The safety meter block component is designed to fit seamlessly with the Brooks 3000 Series Pre-Wired Meter Sockets to enhance worker safety without losing any of the features which make the 3000 series a leader in its category.

## SAFETY METER SOCKET SPECIFICATIONS

METERING STANDARDS	UL 414
	ANSI 12.7
	NEMA 3R
UL LISTED	30 AMP MAX, 600 VOLTS AC, TRANSFORMER RATED
METER BLOCK	AVAILABLE IN GREY OR CLEAR
GROUND STUD	SINGLE OR DUAL-PORT PAD-TYPE CONNECTOR
GROUND LUG	SINGLE- OR DUAL-PORT
COVER	RINGED STYLE
	RINGLESS
AVAILABLE FINISHES	16-GAUGE G-90 GALVANIZED STEEL IN MUNSELL GRAY POWDER COATED, OVEN BAKED, HIGH GLOSS FINISH
	0.080 ALUMINUM WITH MILL FINISH
DIMENSIONS	W 12" x H 19 7/8" x D 4 3/8"
KNOCKOUTS <i>(SIZES OTHER THAN STANDARD AVAILABLE)</i>	SIX 3/4" x 1" x 1-1/4" KNOCKOUTS: BOTTOM, SIDES, AND BACK
	ONE 1/4" x 5/8" x 7/8" KNOCKOUT: BOTTOM
SAFETY METER BLOCK AVAILABLE FOR FLASH SENTRY & TRANSOCKETS	TWO SOCKETS-TWO METERS VT PACK
	CONVENTIONAL VOLTAGE TRANSFORMERS



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 NOVI, MI 48375  
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 WWW.BROOKSUTILITY.COM



# PRE-WIRED METER SOCKET REQUEST

COMPANY: \_\_\_\_\_

CONTACT NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE #: \_\_\_\_\_

\_\_\_\_\_

E-MAIL: \_\_\_\_\_

INITIAL PURCHASE QTY: \_\_\_\_\_

ANNUAL USE QTY: \_\_\_\_\_

**1. MATERIAL:**

G90 STEEL  
ALUMINUM (.080")

**2. SOCKET:**

STANDARD METER SOCKET  
SAFETY METER SOCKET (GRAY)  
SAFETY METER SOCKET (CLEAR)  
OTHER \_\_\_\_\_

**3. FINISH:**

LIGHT GRAY POWDER COAT  
PADMOUNT GREEN POWDER COAT  
MILL ALUMINUM

**4. POSITION:**

SINGLE  
DUPLEX  
TRIPLEX

**5. KNOCKOUTS:**

STANDARD: 3/4" X 1" X 1-1/4"; (1 EACH SIDE, 1 BACK, 3 BOTTOM). 1/4" DIA-5/8" DIA-7/8" (1/2 KO, 1 EA BOTTOM)  
OTHER: \_\_\_\_\_

**6. HUB:**

BLANK	OPEN
PLATE	1"
1 1/4"	1 1/2"
2"	2 1/2"

**7. COVER:**

RINGLESS (1 PIECE)  
RINGLESS (2 PIECES)  
RING STYLE (2 PIECES)

**8. WIRING:**

WIRING FORM: \_\_\_\_\_

**9. WIRE SIZE:**

#10	_____
#12	_____
#14	_____

**10. TYPE:**

THHN STRANDED  
THHN SOLID

**11. TEST SWITCH:**

NUMBER OF POLES \_\_\_\_\_  
PART | MODEL # \_\_\_\_\_  
NONE

**12. TEST SWITCH TYPE:**

MOLDED BASE

\*ATTACH COPY OF TEST SWITCH REQUEST FORM\*

**13. REVERSED POTENTIALS:**

YES  
NO

**14. WIRE HARNESS COLOR:**

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**15. ASSEMBLY:** (P, N, C+, C-)

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**16. HANDLE COLOR:**

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(COLOR OPTIONS: BLACK, BLUE, BROWN, GRAY, GREEN, ORANGE, PURPLE, RED, WHITE, YELLOW)

**17. PLATING:**

NONE (STANDARD)  
TIN  
NICKEL

**18. HANDLES:**

CURRENTS = BLACK | POTENTIALS = RED (STANDARD)  
BI-COLORED  
MATCH WIRE HARNESS COLOR CODE

# PRE-WIRED METER SOCKET REQUEST

## 19. STOPS:

NONE (STANDARD)  
60°  
90°

## 21. CAPTIVE HARDWARE ON COVER?

YES  
NO(STANDARD)

## 23. TERMINAL TYPE:

#10 TERMINAL POST (STANDARD)  
COMPRESSION LUGS (ST CONNECTORS)

## 20. COVER:

NONE (STANDARD)  
FRONT CONNECTED CLEAR  
FRONT CONNECTED BLACK  
COVER STUDS ONLY

## 22. BARRIERS:

SNAP-IN (STANDARD)  
CHANNEL

## 24. TEST EARS:

SERRATED (STANDARD)  
OLD STYLE  
BANANA JACK                      LINE \_\_\_\_\_      LOAD \_\_\_\_\_  
NONE (STANDARD FOR ST SWITCHES)  
ST

## 25. SPECIAL DETAILS:(SPECIAL MARKINGS, PACKAGING, GROUNDING, ETC.)

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**\*RETURN TO BROOKS CSR EMAIL OR SALES@BROOKSUPG.COM**