

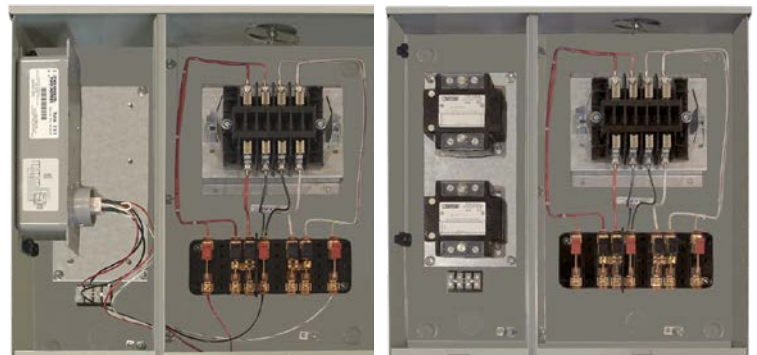
FLASH SENTRY™ PRODUCT DATA SHEET



The Brooks Flash Sentry™ Meter Socket safely converts 480 volt equipment, reducing the potential safety hazards associated with metering 480 volt services.

FEATURES

- The patented Safe-T-Guard™ barrier isolates the incoming 480 Volt service in a separate, seal-able compartment.
- Separation of the 480V and 120V service greatly reduces the risk of dangerous arc flashes.
- Can be supplied with hardware for field installation of transformers or completely wired with transformers to customer specifications.



Mounting provisions provided for either Two Sockets-Two Meters VT pack or conventional voltage transformers.



SAFETY



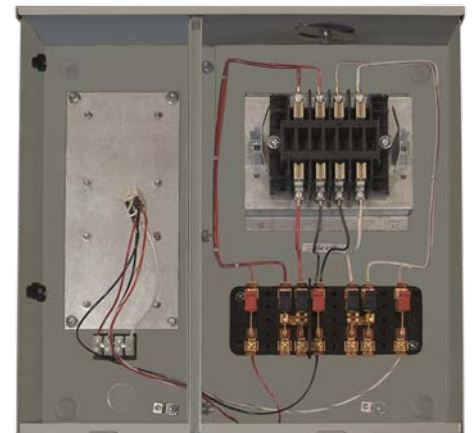
SECURITY



RELIABILITY

SPECIFICATIONS

- 14 Gauge galvanized G-90 steel
- Light Munsell Gray, powder-coated, high gloss finish
- Rating - 20 amps, 600 Volts AC, Transformer rated
- Meter mounting blocks made of electrical phenolic material
- Socket terminals accept #14 through #6 Copper/ Aluminum wire
- Available with one-piece ringless cover
- Safe-T-Guard barrier technology incorporated to isolate 480 volt connections from the meter and socket portion of the enclosure
- Locking provisions for securing 480 volt compartment, preventing unauthorized access
- Provisions for mounting traditional 300 VA “miniature” potential transformers (i.e., ABB, Itron, Astraq, etc.)
- Provisions for mounting TSTM VT pack
- Units may be supplied with transformers installed and wired to customer specifications
- U.S. Patent # 8,547,686



MODELS

Number of Terminals	Catalog Number	Provisions only for mounting Transformer VA Rating	Meter Forms	Enclosure Dimensions		
				Height	Width	Depth
8	622-8085C8-XXXX	300VA	5S	24 5/8"	20.5"	6.5"
13	622-8085C13-XXXX	300VA	6, 8, 9 & 10S	24 5/8"	20.5"	6.5"

NOTE- XXX DENOTES CUSTOMER SPECIFIC PART NUMBER. CONTACT FACTORY FOR DETAILS.

* Configurations for 500VA or larger potential transformers are available upon request.

TRANSOCKET REQUEST

COMPANY: _____

CONTACT NAME: _____

ADDRESS: _____

PHONE #: _____

E-MAIL: _____

INITIAL PURCHASE QTY: _____

ANNUAL USE QTY: _____

1. MATERIAL:

G90 STEEL
ALUMINUM

3. FINISH:

LIGHT GRAY POWDER COAT
PADMOUNT GREEN POWDER COAT
MILL ALUMINUM

2. SOCKET:

TRANSOCKET
FLASH SENTRY
STANDARD METER SOCKET
SAFETY METER SOCKET (GRAY)
SAFETY METER SOCKET (CLEAR)
OTHER _____

4. MAX FOOTPRINT: H _____ W _____ D _____

5. SERVICE RATING: MAX AMP _____ VOLTAGE _____

6. 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: _____

7. HUB:

BLANK HUB QTY: _____
PLATE
OPEN NPT SIZE: _____
OTHER _____

8. WIRING:

WIRING FORM: _____

9. COVER:

ALL TRANSOCKETS ARE 1 PIECE RINGLESS COVER

10. WIRE SIZE:

#10 _____
#12 _____
#14 _____

11. TYPE:

THHN STRANDED
THHN SOLID

12. ARE TRANSFORMERS REQUIRED: YES NO

VOLTAGE TRANSFORMERS:

PREFERRED MANUFACTURER: _____

TYPE: _____ PART # _____

PRIMARY/SECONDARY VOLTAGE: _____

CURRENT TRANSFORMERS:

PREFERRED MANUFACTURER: _____

TYPE: _____ PART # _____

ACC CLASS: 0.3 0.15 0.155

RATIO: _____

TRANSOCKET REQUEST

13. BUS TERMINALS: SINGLE PARALLEL QUAD

14. TEST SWITCH TYPE:

MOLDED BASE
CUT BASE SIZE: _____

15. REVERSED POTENTIALS:

YES
NO

*ATTACH COPY OF TEST SWITCH REQUEST FORM *

16. WIRE HARNESS COLOR:

--	--	--	--	--	--	--	--	--	--	--	--

17. ASSEMBLY: (P, N, C+, C-)

--	--	--	--	--	--	--	--	--	--	--	--

18. HANDLE COLOR:

--	--	--	--	--	--	--	--	--	--	--	--

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

19. PLATING:

NONE (STANDARD)
TIN
NICKEL

20. HANDLES:

CURRENTS = BLACK | POTENTIALS = RED (STANDARD)
BI-COLORED (TYPE-IN COLORS FOR Q.18 ABOVE)
MATCH WIRE HARNESS COLOR CODE

21. STOPS:

NONE (STANDARD)
60°
90°

22. COVER:

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

23. CAPTIVE HARDWARE ON COVER?

YES
NO (STANDARD)

24. BARRIERS:

SNAP-IN (STANDARD)
CHANNEL

25. TERMINAL TYPE:

#10 TERMINAL POST (STANDARD)
COMPRESSION (ST)

26. TEST EARS:

SERRATED (STANDARD)
OLD STYLE
BANANA JACK LINE____LOAD____
NONE (STANDARD FOR ST SWITCHES)
ST

27. SPECIAL DETAILS:(SPECIAL MARKINGS, PACKAGING, GROUNDING, ETC.)

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