

NSV Energy LLC
35 Hickory Springs Industrial Drive
Canton GA 30115



Stock # G31-CT

Twenty Three (23) GE Current transformer, ratio 6000:5, GEcat# 196C7940P0015, kulman Associate Engg
cat # MFS600885-900, 600 v, 10 kv BIL, Window 8.75", C800 CLASS Made in USA





MF-567 current transformer

outdoor-indoor 600 volt
impulse level 10kV fw
50:5 ampere through 15000:5 amperes

section
600

August 1995

advantages and features

- high relay accuracy ratings
- high metering accuracy ratings
- high current and performance
- single, dual or multi-ratio
- core and coils are completely encapsulated in proven, long -life weather and thermal resistant Butyl rubber; no cracking
- ratings per IEEE 55°C rise @ 30°C
- ground shield (optional)
- terminal box (optional)

application

The MF-567 high current CT originated as a special application design for high current and high relay performance or metering accuracy similar to the standard Slip-Over. The window allows the CT to fit over an indoor or outdoor bus or bushing that provides the basic insulation for the system or directly over the bus up to 600 volts.

In the multi-ratio configuration, it can also be used as an auxiliary CT.

installation

The unit may be provided with or without a base and with or without a conduit box. Due to the high capacity of this product, the optional base is for maintaining alignment with the bus only.

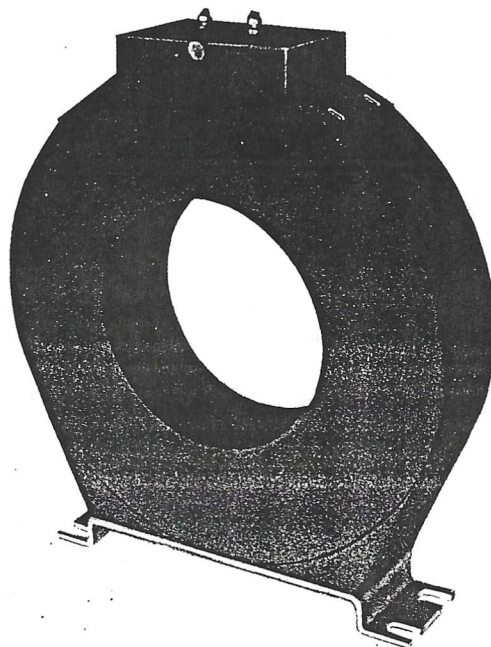
core and coil

To assure high accuracy, the toroidal core is wound from grain-oriented silicon steel for the highest possible permeability and lowest losses. High grade insulating materials are used to insulate the coil from the core.

Single, dual and multi-ratio units are available. Accuracy errors caused by misalignment are eliminated by fully distributing each ratio's windings.

mechanical

Unlimited



MF-567

thermal rating

The thermal 1 second rating of Slip-Over CT's is 80 x the continuous current rating - RMS amperes.

insulation

Electrical grade high voltage Butyl molded rubber is used to insulate for long-term outdoor exposure. Arc quenching, non-tracking Butyl insulation can withstand thermal cycling over a long period of time and is the ideal insulation for large CTs for harsh environments, -60°C (-76°F) to +95°C (+203°F).

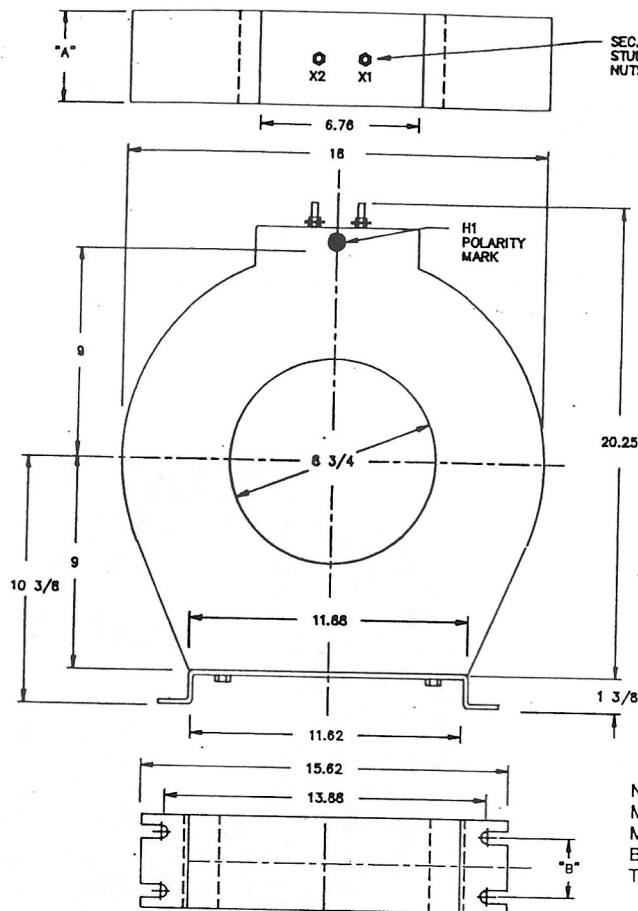
ordering information

See back of page for ratio, accuracy, catalog numbers and dimensional information.

Contact factory for:

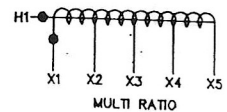
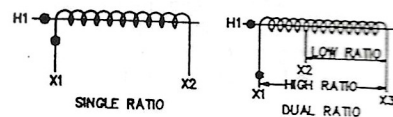
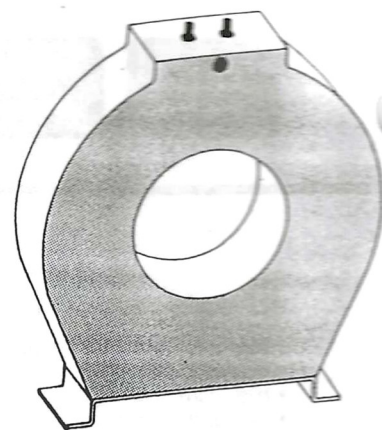
- Various non-standard ratios and rating factors
- Metering Ratio Correction Factor and Phase Angle Curves and relaying Secondary Excitation curves.

600 VOLT



SEC. TERMS. 1/4-20
STUDS WITH WASHERS &
NUTS.

outline drawing



WINDING DIAGRAMS

NOTE:
MAY BE ORDERED WITH OR WITHOUT
MOUNTING BASE. VERSION WITH
BASE TO BE USED ONLY WITH
TERMINALS ON TOP.

ordering information multiratio units available - contact factory

CATALOG NO.	RATIO	RELAY ACCY.	METER ACCY.	RATING FACTOR	"A" IN.	"B" IN.
MFHS060845	600:5	C400	0.3B1.8	2.0	5.5	4.0
MFHS100885	1000:5	C800	0.3B1.8	2.0	5.5	4.0
MFHS120885	1200:5	C800	0.3B1.8	2.0	5.5	4.0
MFHS150885	1500:5	C800	0.3B1.8	2.0	5.5	4.0
MFHS200885	2000:5	C800	0.3B1.8	1.5	5.5	4.0
MFHS250885	2500:5	C800	0.3B1.8	1.5	5.5	4.0
MFHS300885	3000:5	C800	0.3B1.8	1.0	5.5	4.0
MFHS400885	4000:5	C800	0.3B1.8	1.0	4.0	2.5
MFHS500885	5000:5	C800	0.3B1.8	1.0	4.0	2.5
MFHS600885	6000:5	C800	0.3B1.8	1.0	4.0	2.5
MFHS800885	8000:5	C800	0.3B1.8	1.0	4.0	2.5

Lower relay accuracies available - contact factory
For terminal box option change last digit of catalog number to "6".

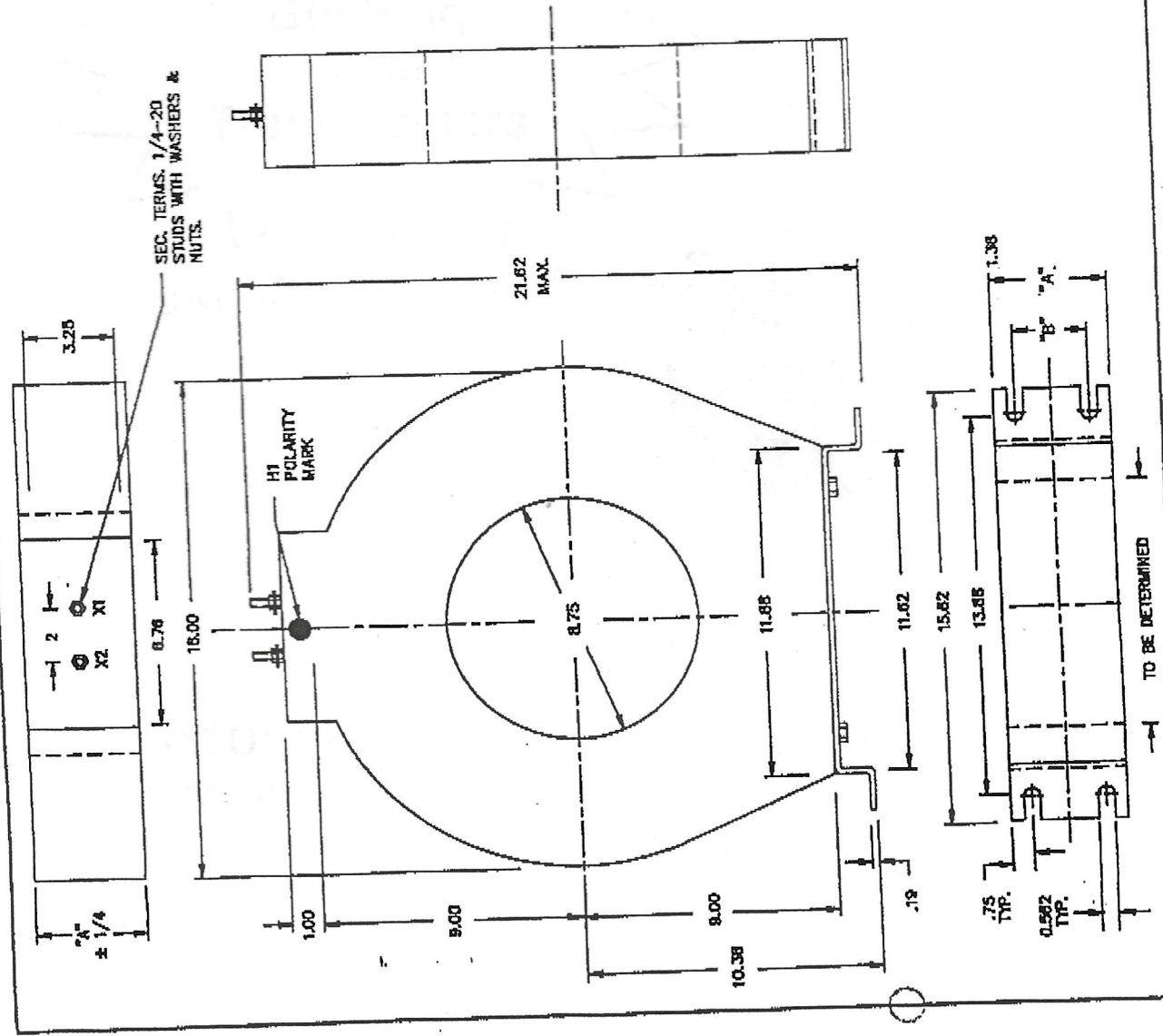
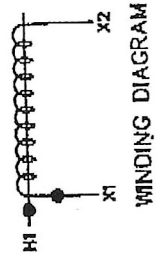


ASSOCIATED ENGINEERING COMPANY

Wholly Owned Subsidiary of Kuhlman Electric Corporation
101 Kuhlman Blvd., Versailles, Kentucky 40383
Phone: 1-800-950-6966 FAX: (606) 873-2236
Application Assistance: 1-800-727-6936

1 020 073 0032

ITEM	CATALOG NO.	RATIO	ACCY	REF.	"A" IN.	"B" IN.	WT. (lbs.)
001	MFS200825-900	2000:5	C200	1.33	4.0	2.5	64
002	MFS200845-900	2000:5	C400	1.33	4.0	2.5	82
003	MFS200885-900	2000:5	C800	1.33	5.5	4.0	132
004	MFS300825-900	3000:5	C200	1.33	4.0	2.5	81
005	MFS300845-900	3000:5	C400	1.33	4.0	2.5	73
006	MFS300885-900	3000:5	C800	1.33	5.5*	4.0	112
007	MFS400825-900	4000:5	C200	1.33	4.0	2.5	58
008	MFS400845-900	4000:5	C400	1.33	4.0	2.5	68
009	MFS400885-900	4000:5	C800	1.33	4.0	2.5	89
010	MFS500825-900	5000:5	C200	1.33	4.0*	2.5	58
011	MFS500845-900	5000:5	C400	1.33	4.0*	2.5	68
012	MFS500885-900	5000:5	C800	1.33	4.0*	2.5	85
013	MFS600825-900	6000:5	C200	1.33	4.0*	2.5	58
014	MFS600845-900	6000:5	C400	1.33	4.0*	2.5	54
015	MFS600885-900	6000:5	C800	1.33	4.0*	2.5	83
016	MFS800825-900	8000:5	C200	1.33	4.0*	2.5	54
017	MFS800845-900	8000:5	C400	1.33	4.0*	2.5	68
018	MFS800885-900	8000:5	C800	1.33	4.0*	2.5	80



7	DR	2-2-82	ADDED RATING FACTOR TEXT 00300 & 013	MI
6	EB	8-2-81	CHANGED REF. ITEMS 001,002,004,005, 007-012,014-018, CHANGED VS. ITEMS 002,004,005,007-012,014-018.	
5	EB	1-2-81	ADDED RATING FACTOR & STUDIED TEXT	
4	DR	9-2-80	CHANGED "A" IN ITEM 018 TO 4.00	
3	DR	5-4-80	"WAS 5.5, NOW 4.0"	
2	DR	1-5-80	ADDED HT'S FOR 4.0" TO 5.5"	
1	DR	1-1-80	CAT. NO. CHANGED	CRD/MFF

ASSOCIATED ENGINEERING COMPANY
P.O. BOX 88, MATTHEW NORTH CAROLINA 28105

FILE
MF-567 SINGLE RATIO
8.75 ID X 18 OD

UNSW. NO. 496-0512-900

SCALE 1 1

NTS 7

WCH 1-24-90

APPR. 11-11-92

REV 7