

D

C

B

A

6

5

4

3

2

1

PART NO.		PLANT DISTRIBUTION CODE	
31MXXXX-X(X)-SALES		J, N	
REV #	REVISIONS	DATE	APPR.
0	RELEASE FOR SALES. ECN BU-U07246 MK	10/10 2007	
1	ADDED POST STAKE HEIGHT 61.06 / 59.84 (B-4). ECN BU-U09064 MK	03/08 2009	
2	CORRECT DIMENSIONS PER ACTUAL DUE TO CHANGE IN MATL. SHRINK RATE. ADD PLANT DISTRIBUTION CODE N ECN BU-N09061 WMH/GFOLK	06/01 2009	
3	RMVD NOTES 2,3,&13. ADDED BOTH "ASSEMBLY- SHOWN WITH" NOTES ON LIMITER CORNERS. 120 WAS 120.5, 90 MAX WAS 89.2, 155.0 WAS 155.7, RMVD DIMS; 9.4 MNTG FEET,108.2,181.5 & POST- STAKE HEIGHT FROM DWG. BU-N10022 J.T.	04/19 2010	
4	UPDATE DIMENSIONS TO MATCH B156-7026-X COMPONENT THAT WAS UPDATED ON BU-U08311 BU-N11023 GFOLK	04/19 2011	

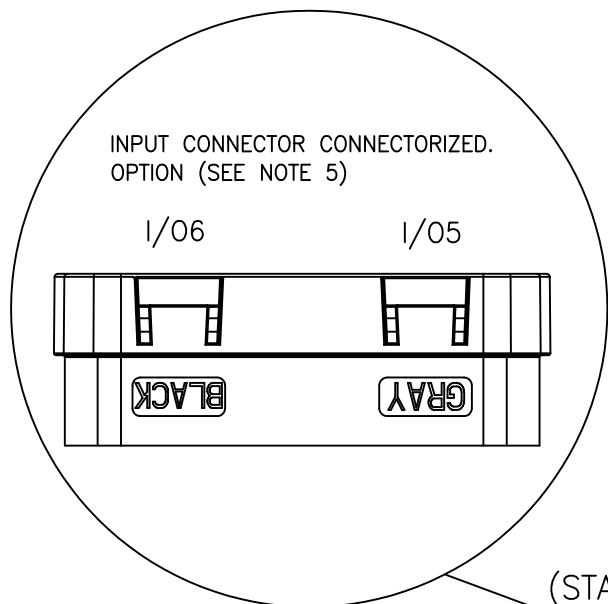
3 1 M - X X X - X (X)

OPTIONAL SUFFIX (e.g. DESIGNATES
NON-STUFFED VERSION)

REVISION NUMBER

CUSTOMER PART NUMBER

M = MULTIPLEX



STUDDED INPUT SHOWN,
COVER NOT SHOWN

ASSEMBLY SHOWN WITH STANDARD
BRASS GROMMET. 11.8±0.25. ID
M11 OR 7/16 FASTENER SUGGESTED
MAXIMUM FASTENER TORQUE 80 N-M OR 60 LB-FT

M6 OR M8
INPUT STUD.
(STAINLESS OR PLATED STEEL)

29.5

MAXIMUM FASTENER TORQUE 80 N-M OR 60 LB-FT

CAN SIGNAL INPUT
(SEE NOTE 6)

120

SHOWN W/ COVER IN CLOSED POSITION.

I/04

SEE NOTE 5.

I/03

I/01

I/02

(SEE NOTE 5)

155.0

CONNECTOR LOCK FEATURE

65.4

YELLOW SILICONE GASKET

ASSEMBLY SHOWN WITH
STAINLESS STEEL COMPRESSION LIMITER (OPTIONAL)
(4) PLCS. 8.40ø ID
M8 OR 5/16 FASTENER SUGGESTED.
MAXIMUM MOUNTING TORQUE 400 N-M OR 300 LB-FT

GASKET PLUG (OPTIONAL)

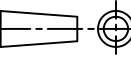

90.5 MAX

39.4

13.3

NOTES:

- ALL DIMENSIONS ARE FOR REFERENCE ONLY.
- MAX. TORQUE ON POWER INPUT STUD VERSION IS 15 lb/ft.
- CONNECTORS ARE COLOR CODED AND KEYED PER CUSTOMER P/N.
CONSULT FACTORY FOR CONNECTOR COMBINATIONS; MATE W/ 32006 / 32004 SERIES
BUSSMANN CONNECTORS.
- CAN / MULTIPLEX CONNECTOR MATES W / AMP / TYCO SSC 12 FEMALE CONNECTOR.
APPROPRIATE SEALS / PLUGS REQUIRED TO ENSURE MAX. IP RATING.
- ALL HOUSING PLASTIC IS V-0 RATED UNLESS OTHERWISE SPECIFIED.
- MIN / MAX TEMP. IS -40° THRU 85°C (OPERATIONAL) AND -40°C THRU 110°C STORAGE.
- DEPENDING ON FACTORY CONFIGURATION, CONSULT FACTORY FOR IP RATING.
CONSULT CBT INTERNAL PRODUCT SPEC. (-99) FOR FURTHER DEFINITION OF TEST.
- MAXIMUM CURRENT RATING FOR VEC GRID IS 200A. ACTUAL VALUE FOR SPECIFIC
DESIGN MAY VARY.
- MVEC RATED FOR 12 / 24 VDC SYSTEMS.
- FACTORY CONFIGURES LABELS AND COMPONENTS (e.g. FUSES, BREAKERS, RELAYS, etc.),

TOLERANCES UNLESS OTHERWISE SPECIFIED			THIRD ANGLE PROJECTION	DESIGN UNITS
METRIC	ENGLISH	FRACTIONAL TOL ±1/64 IN		METRIC
1 PL DEC=±0.25	2 PL DEC=±0.01	ANGULAR TOL= ±1°		CREATED USING
2 PL DEC=±0.13	3 PL DEC=±0.005	ANGULAR TOL 1PL=±0.5°		AUTOCAD
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MATERIAL CONSULT FACTORY				
FINISH CLEAN				
 COOPER Bussmann Transportation			DRAWN BY MK	
			DATE 07/19/07	
			SCALE 1=1	
TITLE MULTIPLEX VEC				
PART NO. 31MXXXX-X(X)-SALES			SHT 1 OF 1	
			SIZE: D	

REV: 10/09

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