

REVISIONS

AD448702

AM-385

SHEET 3 OF 13

ROCKER HANDLE COLOR

INDICATING COLOR

INDICATION "ON"

MOUNTING/INDICATOR CODE A,B,C

INDICATING COLOR

ROCKER HANDLE COLOR

INDICATION "OFF"

MOUNTING/INDICATOR CODE F,G,H,M,N,P,R

MARKING DETAIL "A"

(SEE TABLE)

INDICATING COLOR

ROCKER HANDLE COLOR

INDICATION "ON"

MOUNTING/INDICATOR CODE J,K,L

FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5

FIG. 6

MARKING DETAIL "B"

(SEE TABLE)

SEVENTH DECISION

HANDLE COLOR, INDICATOR COLOR AND MARKING SELECTION

"ZX" ROCKER HANDLE (SINGLE ROCKER COLOR)

ROCKER HANDLE COLOR	INDICATING COLOR	MARKING COLOR	INDICATES	UNMARKED	MARKED (SEE NOTES A & C)						MARKING DETAIL
					VERTICAL MOUNTING			HORIZONTAL MOUNTING			
					ON-OFF FIG. 1	I-O FIG. 2	ON-OFF I-O FIG. 3	ON-OFF FIG. 4	I-O FIG. 5	ON-OFF I-O FIG. 6	
BLACK	N/A	WHITE	N/A	-00	-01	-02	-03	-04	-05	-06	"A"
RED	N/A	WHITE	N/A	-20	-21	-22	-23	-24	-25	-26	
GREY	N/A	BLACK	N/A	-40	-41	-42	-43	-44	-45	-46	
ORANGE	N/A	BLACK	N/A	-50	-51	-52	-53	-54	-55	-56	
WHITE	N/A	BLACK	N/A	-90	-91	-92	-93	-94	-95	-96	

"ZX" ROCKER HANDLE (DUAL ROCKER COLOR)

BLACK	WHITE	WHITE	ON	-A0	-A1	-A2	-A3	-A4	-A5	-A6	"A"
BLACK	RED	WHITE	ON	-B0	-B1	-B2	-B3	-B4	-B5	-B6	
BLACK	GREEN	WHITE	ON	-C0	-C1	-C2	-C3	-C4	-C5	-C6	
BLACK	WHITE	WHITE	OFF	-F0	-F1	-F2	-F3	-F4	-F5	-F6	
BLACK	RED	WHITE	OFF	-G0	-G1	-G2	-G3	-G4	-G5	-G6	
BLACK	GREEN	WHITE	OFF	-H0	-H1	-H2	-H3	-H4	-H5	-H6	
BLACK	WHITE	WHITE	ON	-J0	-J1	-J2	-J3	-J4	-J5	-J6	"B"
BLACK	RED	WHITE	ON	-K0	-K1	-K2	-K3	-K4	-K5	-K6	
BLACK	GREEN	WHITE	ON	-L0	-L1	-L2	-L3	-L4	-L5	-L6	

"BX" ROCKER HANDLE (DUAL ROCKER COLOR)

BLACK	WHITE	WHITE	OFF	-M0		-M2	-M3		-M5	-M6	"A"
BLACK	RED	RED	OFF	-N0		-N2	-N3		-N5	-N6	
BLACK	GREEN	GREEN	OFF	-P0		-P2	-P3		-P5	-P6	
BLACK	YELLOW	YELLOW	OFF	-R0		-R2	-R3		-R5	-R6	

NOTES:

A. BEZEL OF "ZX" & "BX" IS BLACK.

B. CONSULT FACTORY FOR OTHER MARKING OPTIONS.

C. REQUIRED FOR ALL LISTED PRODUCTS.

SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.

SENSATA Technologies

POWER PROTECTION PRODUCTS

CAMBRIDGE, MD USA

THIRD ANGLE PROJECTION

INTERPRET DRAWING PER ASME Y14.5M - 1994

INCH [MM]

TOLERANCE UNLESS NOTED

INCH ±.015

MM ±0.38

ANGLES ±5°

CEL PARALLEL POLE SPECIFICATION

DRAWN C.H.

CHECKED M.J.

APPROVED C.B.

DATE 11/14/11

214

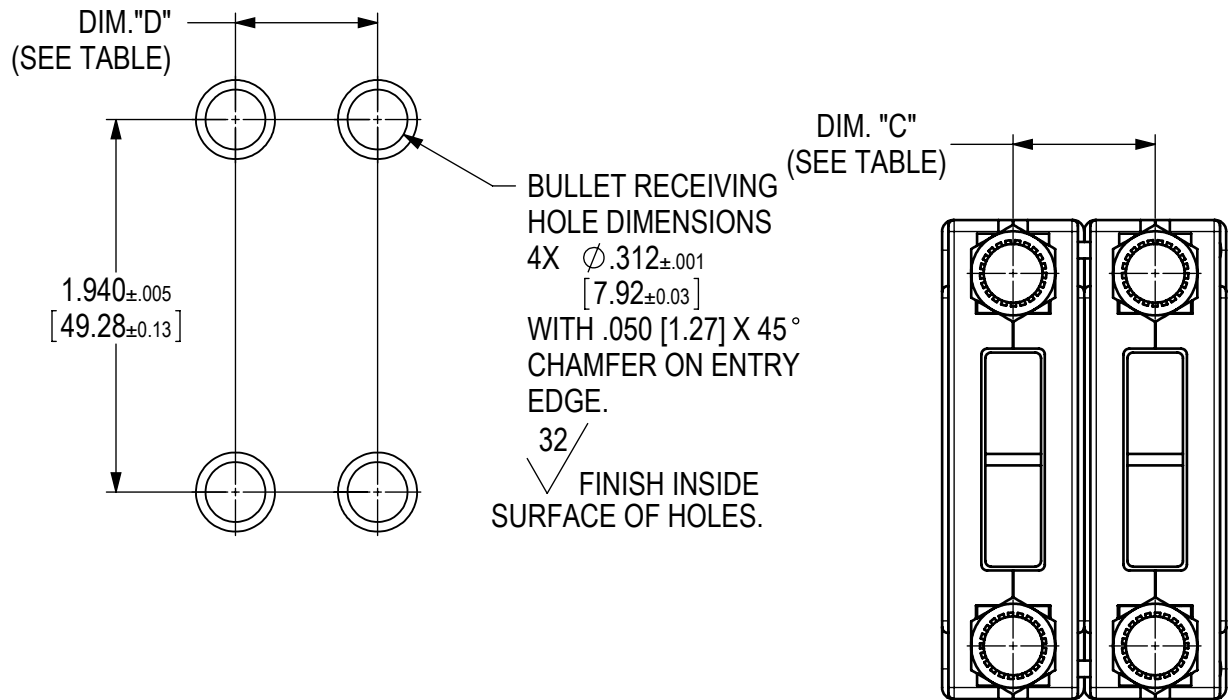
SCALE

SIZE B

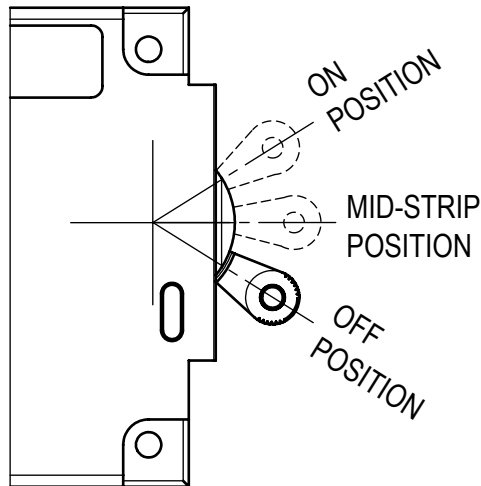
AM-385

REVISION AD

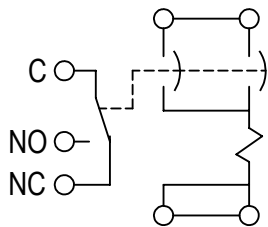
BULLET TERMINAL MOUNTING DETAIL



TOGGLE HANDLE MID-TRIP

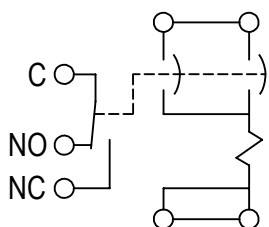


IN THIS TYPE OF BUILD, THE HANDLE POSITION INDICATES THE STATUS OF THE CIRCUIT BREAKER. IN ADDITION TO THE FULL ON AND FULL OFF POSITIONS, THERE IS A MIDDLE POSITION INDICATING THAT THE BREAKER HAS ELECTRICALLY TRIPPED FROM AN OVERLOAD. IT IS AVAILABLE IN SINGLE POLE AND MULTIPOLE (HANDLE PER POLE ONLY). AN AUXILIARY SWITCH CAN BE FURNISHED AS AN INTEGRAL PART OF THE MID-TRIP BREAKER. THE SWITCH PROVIDES AN INDICATION AT A REMOTE LOCATION WHEN THE CIRCUIT BREAKER HAS ELECTRICALLY TRIPPED AND HANDLE IS IN THE MID-TRIP POSITION. (SEE ILLUSTRATIONS BELOW.)

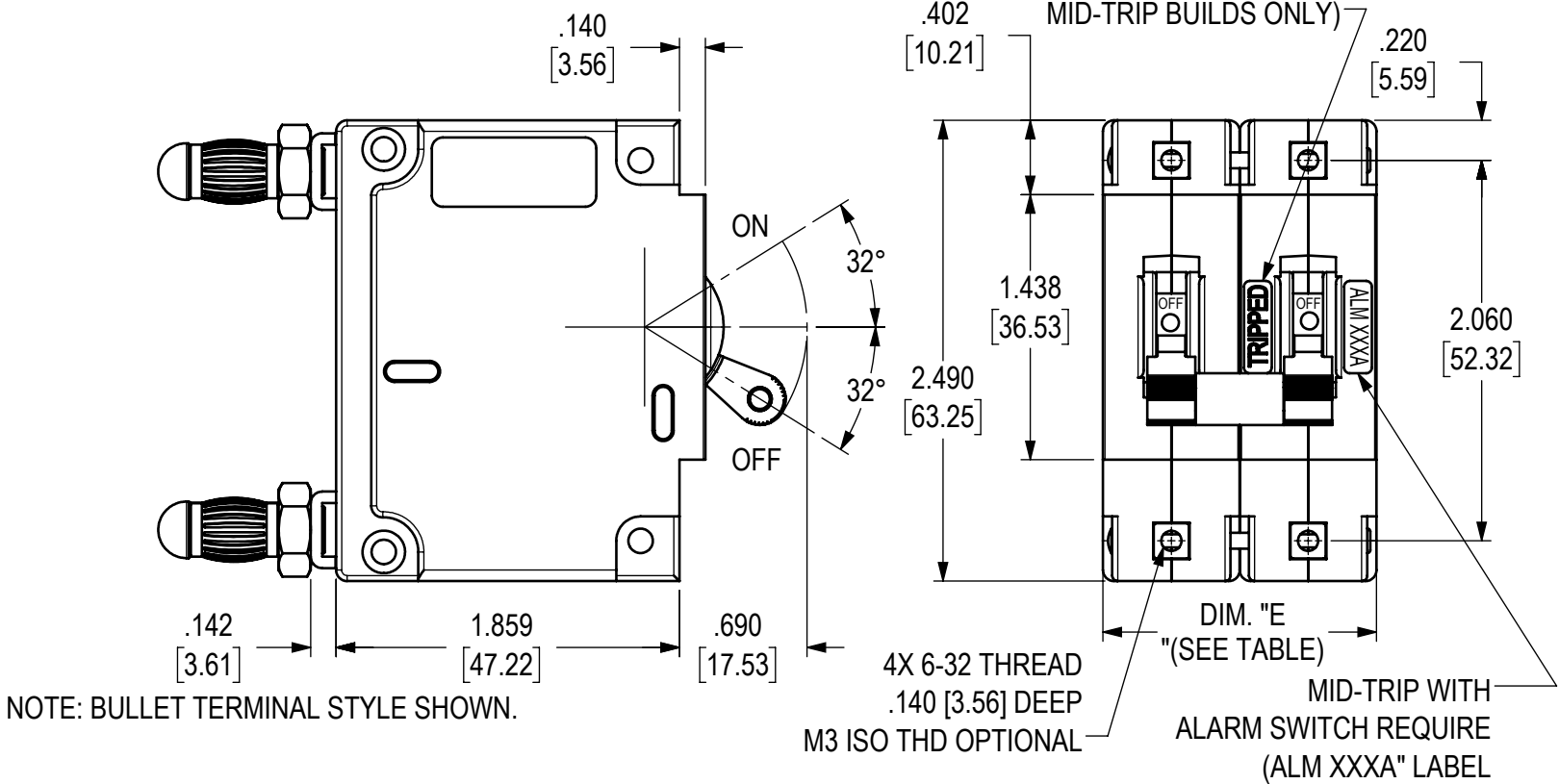


BREAKER IN ON OR MANUALLY TURNED OFF POSITON

SERIES MID-TRIP WITH AUXILIARY SWITCH (RLS TYPE)



BREAKER IN MID-TRIP POSITION (ELECTRICALLY TRIPPED)



.047 [1.19] SPACER	.787 [19.99]	.787 $\pm$.005 [19.99 $\pm$ 0.13]	1.562 MAX. [39.67]
.025 [0.64] SPACER	.765 [19.43]	.765 $\pm$.005 [19.43 $\pm$ 0.13]	1.540 MAX. [39.12]
NONE	.740 [18.80]	.740 $\pm$.005 [18.80 $\pm$ 0.13]	1.515 MAX. [38.48]
SPACER	DIM. "C"	DIM. "D"	DIM. "E"

- NOTES:
- .740 DIM.: STANDARD FOR STUD TERMINAL CONSTRUCTION.
 - .765 DIM.: NORMALLY USED IN EXISTING BUS BAR APPLICATIONS, WHERE THE PARALLEL POLE CONSTRUCTION IS BEING INSTALLED WHERE HOLE PATTERN WAS SET UP FOR SINGLE POLE BREAKERS. THE ADDITIONAL SPACING CAN ADD SURFACE SPACE THAT WILL ASSIST IN LOWERING TERMINAL TEMPERATURE.
 - .787 DIMENSION: ESTABLISHED FOR THE EUROPEAN 20mm CENTER-TO-CENTER APPLICATIONS, AS WITH THE .765 SPACING LOWERING OF TERMINAL TEMPERATURE COULD BE A RESULT.

TOGGLE HANDLE
101-200
SERIES PARALLEL

ZX & BX HANDLE
101-200
SERIES PARALLEL

101-200 AMP CONSTRUCTION

SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.

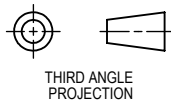


POWER PROTECTION PRODUCTS
CAMBRIDGE, MD USA

DRAWN C.H.
CHECKED M.J.

APPROVED C.B.
DATE 11/14/11

214



INTERPRET DRAWING PER
ASME Y14.5M - 1994

INCH
[MM]

TOLERANCE
UNLESS NOTED

INCH $\pm$.015
MM $\pm$ 0.38

ANGLES $\pm$ 5°

CEL PARALLEL POLE SPECIFICATION

MATERIAL

FINISH

SCALE

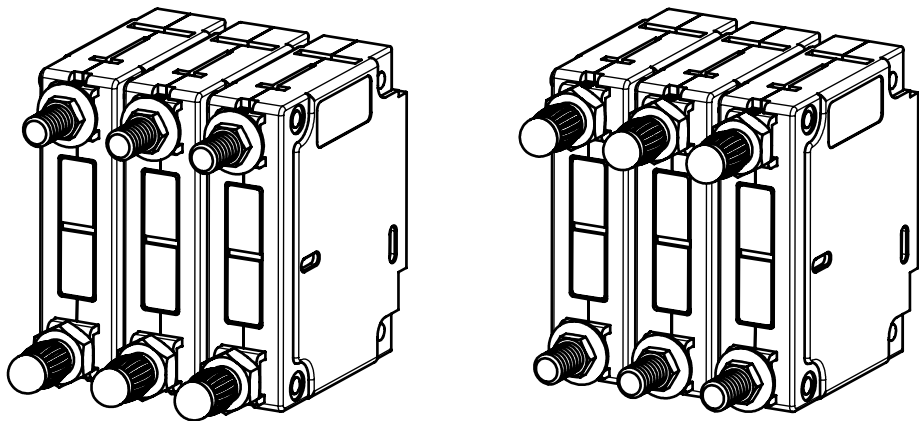
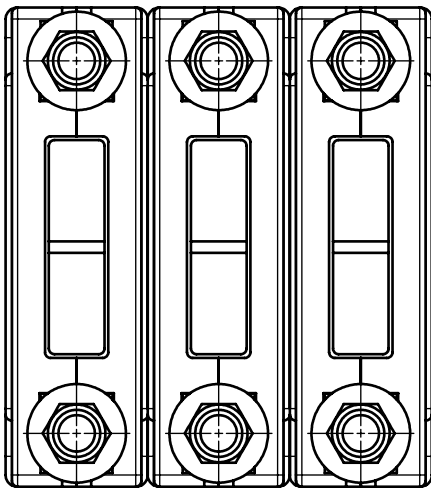
SIZE
B

AM-385

REVISION
AD

DIM. "F"
(SEE TABLE)

DIM. "F"
(SEE TABLE)



NOTES:
1. 1/4-20 OR M6 STUD TERMINALS MUST BE USED WHEN BULLET TERMINALS ARE NOT SPECIFIED. BULLET TERMINALS ARE AVAILABLE EITHER ON LINE OR LOAD TERMINALS AS SHOWN. (NON-DESCRIPT P/N ONLY).

BULLET TERMINAL MOUNTING DETAIL

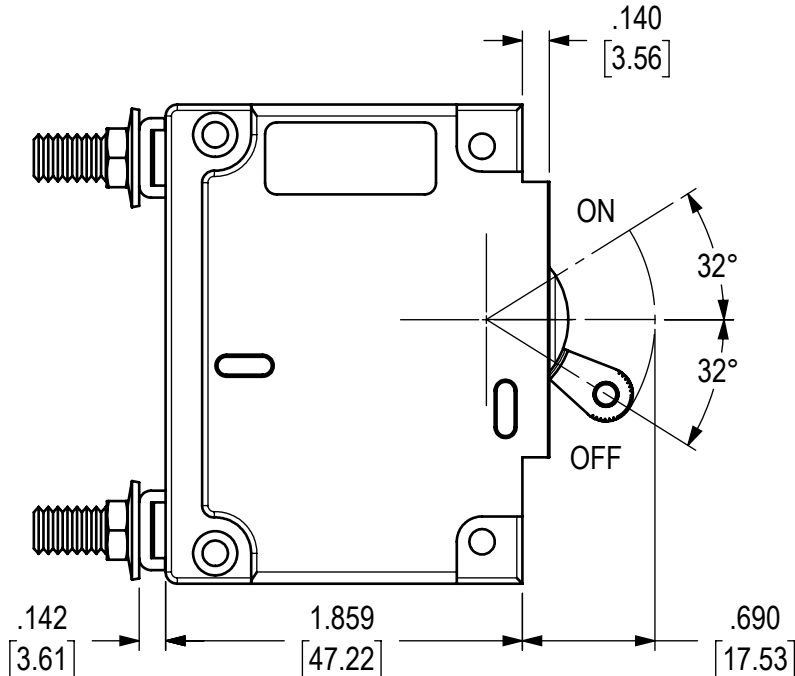
DIM. "D"
(SEE TABLE)

DIM. "D"
(SEE TABLE)

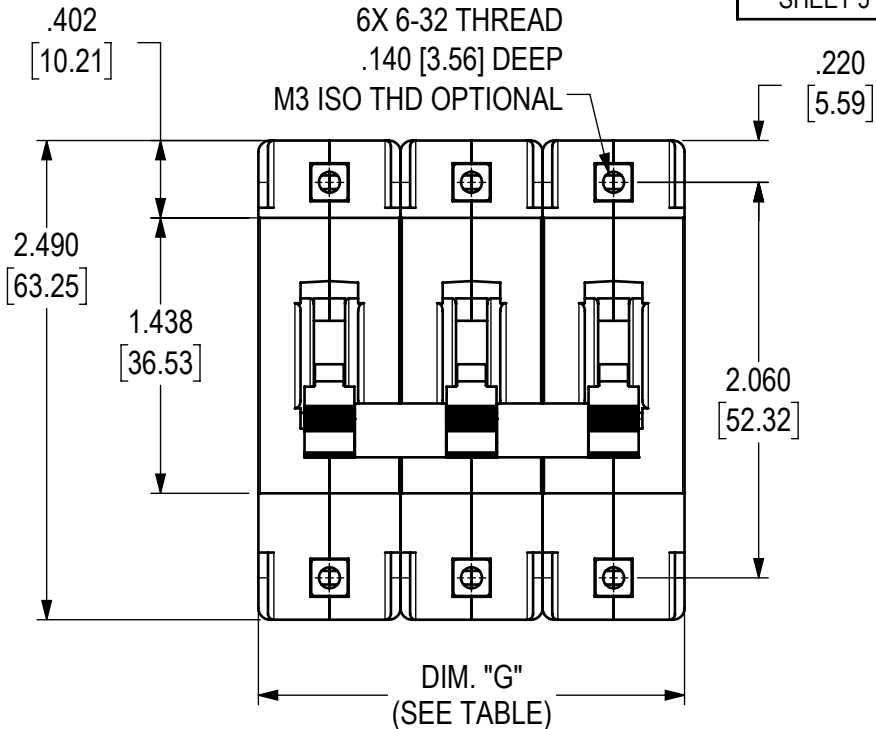
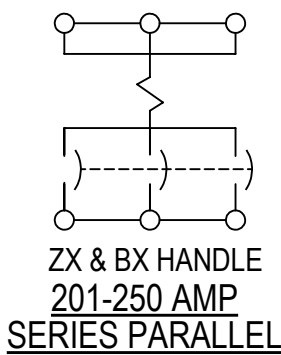
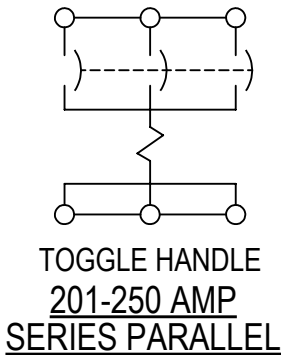


BULLET RECEIVING HOLE DIMENSIONS
3X $\phi .312 \pm .001$
[7.92 ± 0.03]
WITH .050 [1.27] X 45° CHAMFER ON ENTRY EDGE.

32°
FINISH INSIDE SURFACE OF HOLES.



NOTE: STUD TERMINAL STYLE SHOWN.

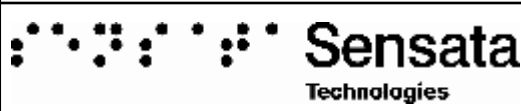
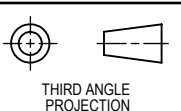


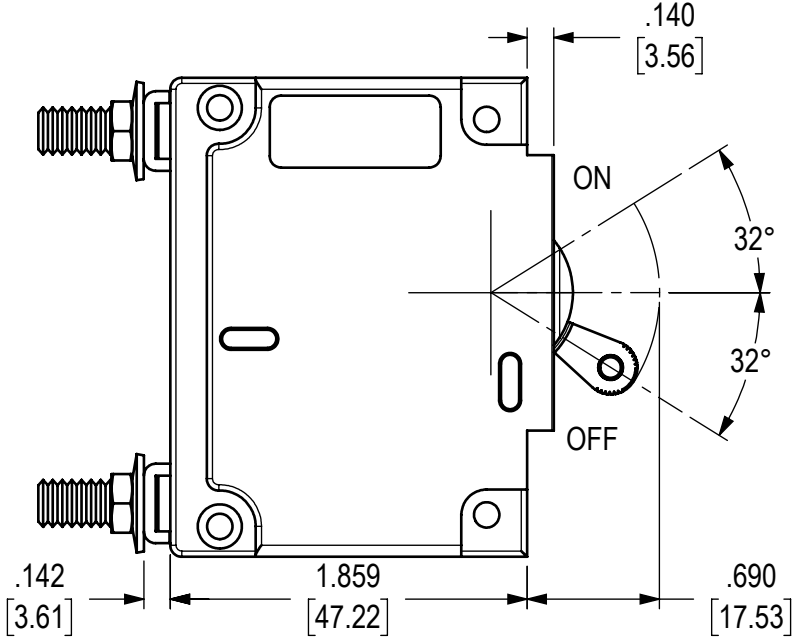
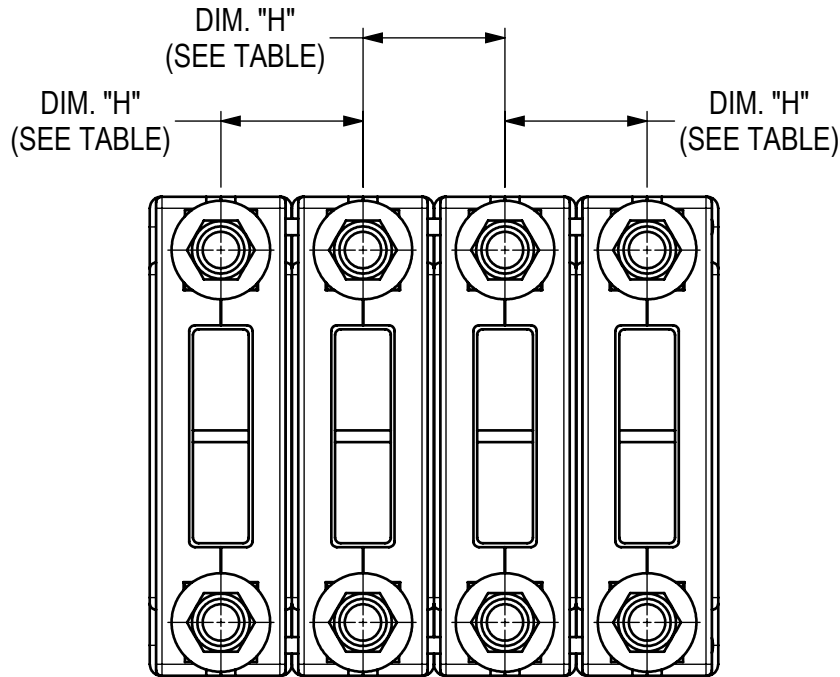
.047 [1.19] SPACER	.787 ± .005 [19.99 ± 0.13]	.787 [19.99]	2.374 MAX. [60.30]
.025 [0.64] SPACER	.765 ± .005 [19.43 ± 0.13]	.765 [19.43]	2.330 MAX. [59.18]
NONE	.740 ± .005 [18.80 ± 0.13]	.740 [18.80]	2.265 MAX. [57.53]
SPACER	DIM. "D"	DIM. "F"	DIM. "G"
SEE NOTES ON SHEET 4.			

201-300 AMP SERIES CONSTRUCTION

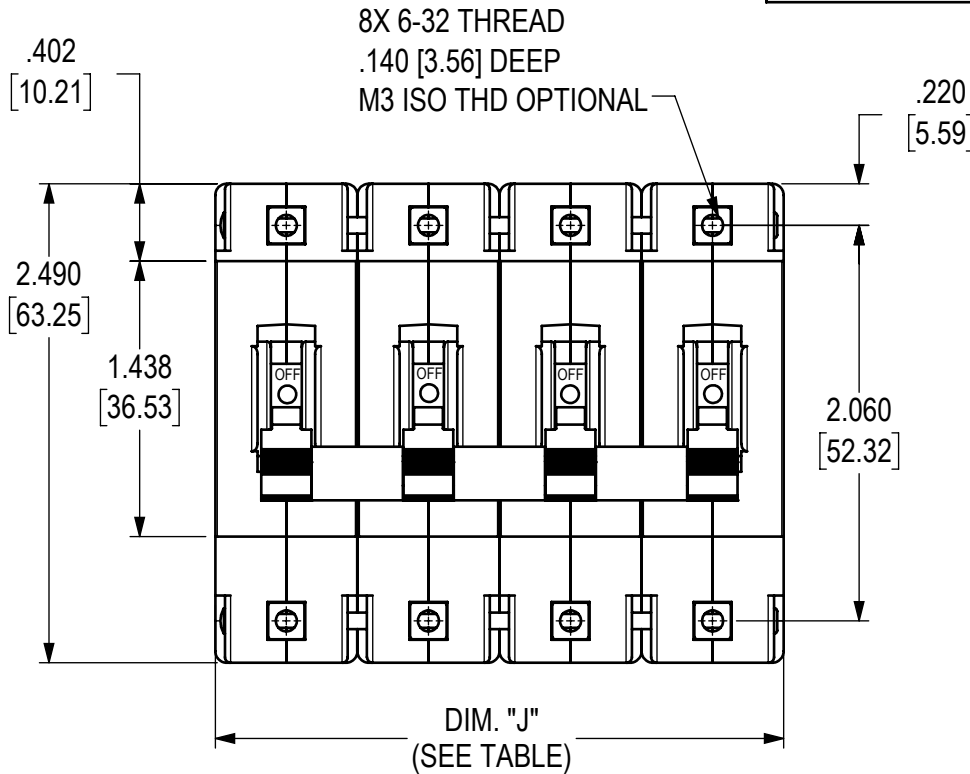
SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.

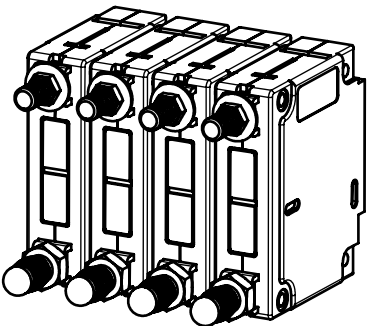
 POWER PROTECTION PRODUCTS CAMBRIDGE, MD USA		 THIRD ANGLE PROJECTION		CEL PARALLEL POLE SPECIFICATION			
DRAWN C.H.		APPROVED C.B.		INTERPRET DRAWING PER ASME Y14.5M - 1994		MATERIAL	
CHECKED M.J.		DATE 11/14/11		INCH [MM]		FINISH	
				TOLERANCE UNLESS NOTED			
				INCH ± .015			
				MM ± 0.38			
				ANGLES ± 5°			
214				SCALE	SIZE B	AM-385	
						REVISION AD	



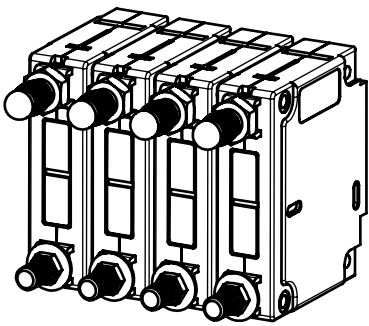
NOTE: STUD TERMINAL STYLE SHOWN.



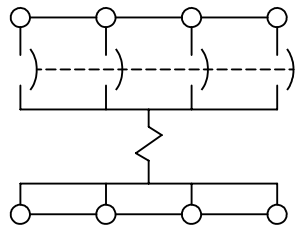
NOTES:
1. 1/4-20 OR M6 STUD TERMINALS MUST BE USED WHEN BULLET TERMINALS ARE NOT SPECIFIED. BULLET TERMINALS ARE AVAILABLE EITHER ON LINE OR LOAD TERMINALS AS SHOWN.



STANDARD BULLET
TERMINAL CONFIGURATION



OPTIONAL BULLET
TERMINAL CONFIGURATION
(NON-DESCRIPT P/N)

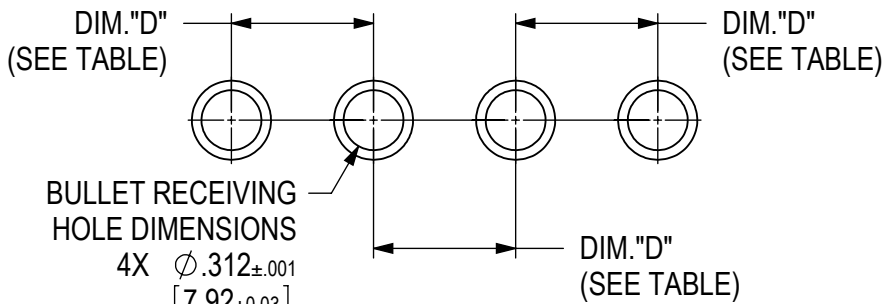


TOGGLE HANDLE
400 AMP
SERIES PARALLEL

.047 [1.19] SPACER	.787 ± .005 [19.99 ± 0.13]	.787 [19.99]	3.161 MAX. [86.29]
.025 [0.64] SPACER	.765 ± .005 [19.43 ± 0.13]	.765 [19.43]	3.095 MAX. [78.61]
NONE	.740 ± .005 [18.80 ± 0.13]	.740 [18.80]	3.005 MAX. [76.33]
SPACER	DIM. "D"	DIM. "H"	DIM. "J"

SEE NOTES ON SHEET 4.

BULLET TERMINAL MOUNTING DETAIL



BULLET RECEIVING
HOLE DIMENSIONS
4X $\phi .312 \pm .001$
[7.92 ± 0.03]

WITH .050 [1.27] X 45°
CHAMFER ON ENTRY EDGE.

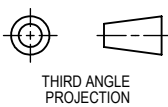
32/ FINISH INSIDE
SURFACE OF HOLES.

400 AMP SERIES CONSTRUCTION

SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.

Sensata
Technologies
POWER PROTECTION PRODUCTS
CAMBRIDGE, MD USA



INTERPRET DRAWING PER
ASME Y14.5M - 1994

INCH
[MM]

TOLERANCE
UNLESS NOTED

INCH ± .015

MM ± 0.38

ANGLES ± 5°

CEL PARALLEL POLE SPECIFICATION

MATERIAL

FINISH

DRAWN C.H.
CHECKED M.J.
APPROVED C.B.
DATE 11/14/11
214

SCALE

SIZE

B

AM-385

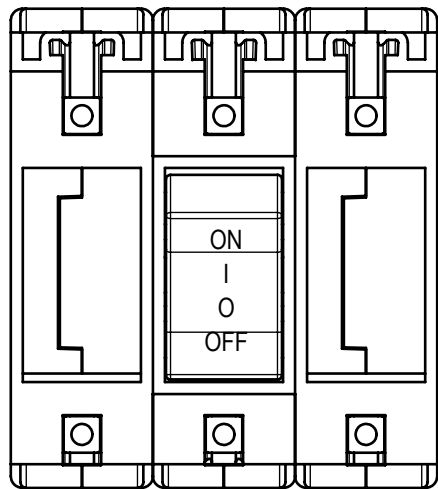
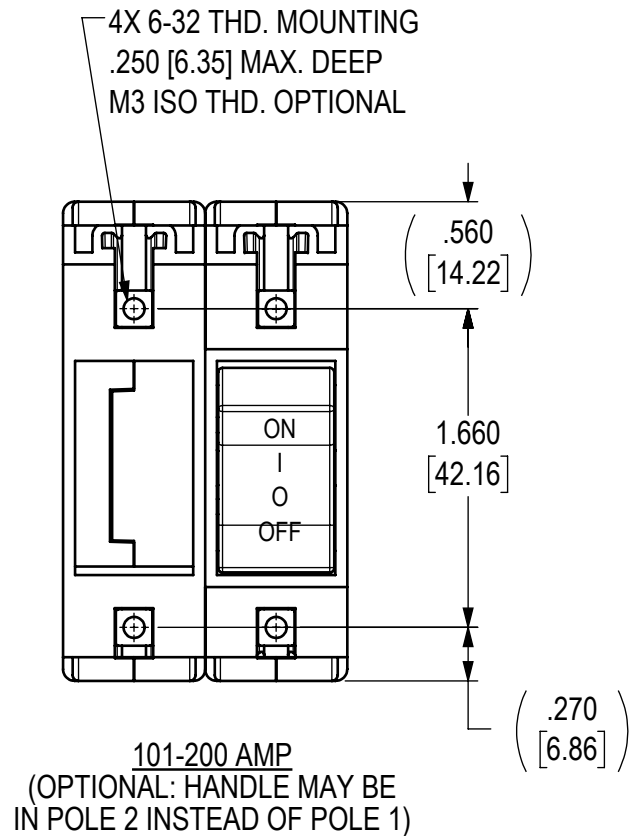
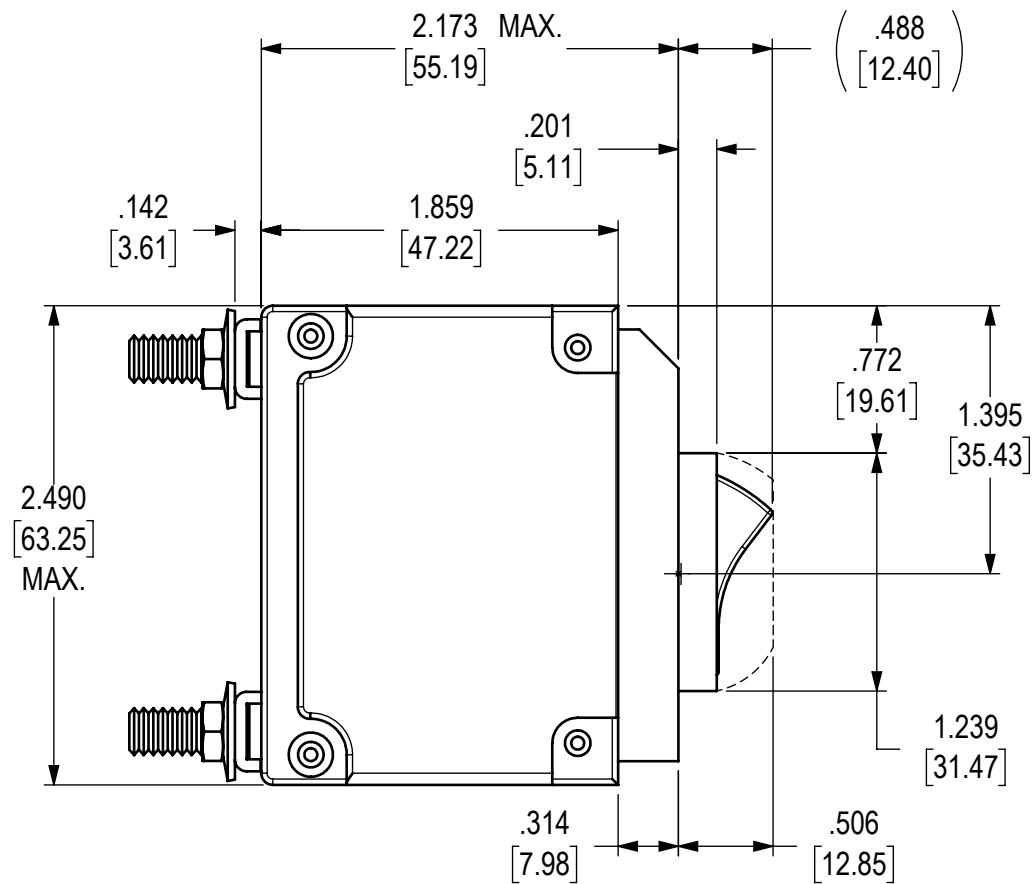
REVISION

AD

REVISIONS	
AD	448702

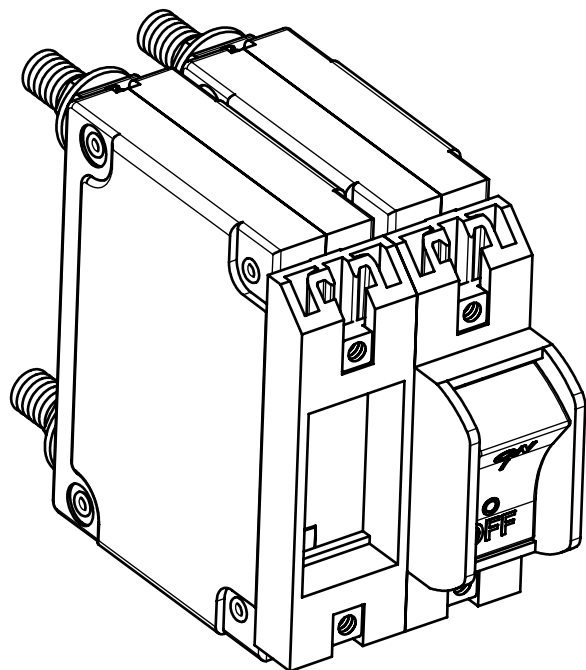
AM-385

SHEET 7 OF 13



201-300 AMP

NOTE: STUD TERMINAL STYLE SHOWN.

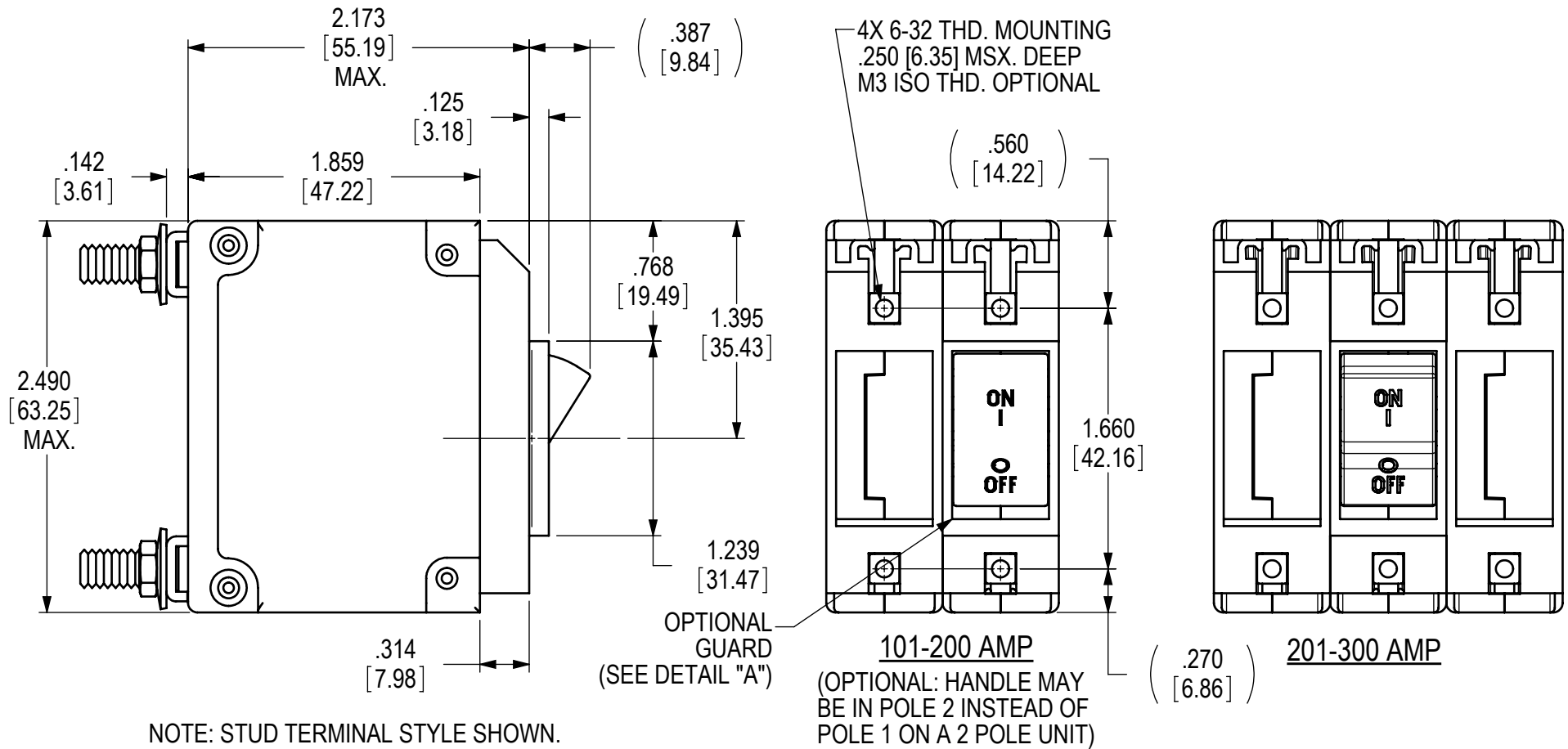


DETAIL "A"

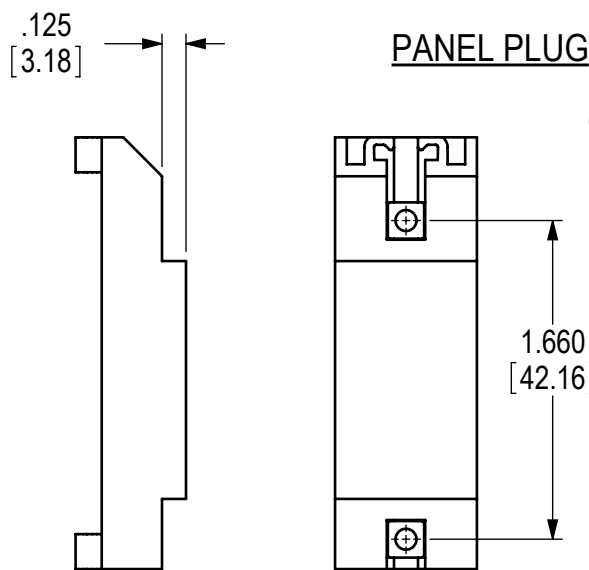
CELZXP

SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.										FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.	
</											

REVISIONS	
AD	448702



NOTE: STUD TERMINAL STYLE SHOWN.

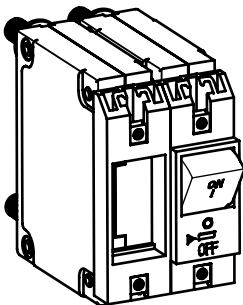


CONSULT FACTORY FOR PANEL PLUG AVAILABILITY.
P/N 121-450-3000 6-32 THD. (BLACK)
P/N 121-450-3001 M3 THD. (BLACK)
P/N 121-710-2450 6-32 THD. (BLACK)
P/N 121-710-2451 M3 THD. (BLACK)

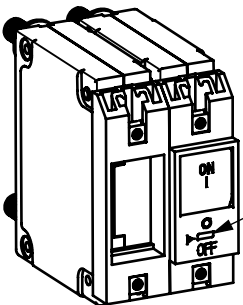
DETAIL "A"

AM-385

SHEET 8 OF 13

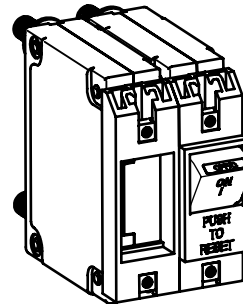


HANDLE POSITION "OFF" WITH GUARD (SIXTH DECISION, G)

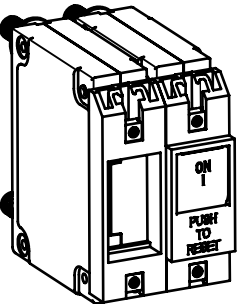


HANDLE POSITION "ON" WITH GUARD (SIXTH DECISION, G)

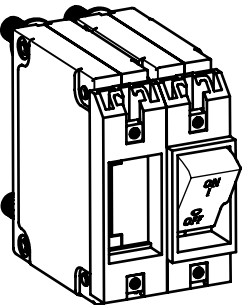
ACTUATION ACCESS (SEE NOTE)



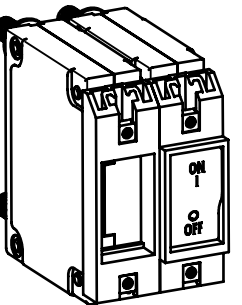
HANDLE POSITION "OFF" GUARD WITH NO ACTUATE OFF FEATURE (SIXTH DECISION, X)



HANDLE POSITION "ON" GUARD WITH NO ACTUATE OFF FEATURE (SIXTH DECISION, X)



HANDLE POSITION "OFF" WITHOUT GUARD



HANDLE POSITION "ON" WITHOUT GUARD

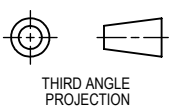
NOTE: ACCESS IS LIMITED TO A DEVICE SMALLER THAN THE UNDERWRITERS LABORATORY "ARTICULATED PROBE" DEFINED IN UL-489 FIG. 11.1.7.2.1.

CELBXP

SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.

Sensata Technologies
POWER PROTECTION PRODUCTS
CAMBRIDGE, MD USA



INTERPRET DRAWING PER ASME Y14.5M - 1994

INCH [MM]

TOLERANCE UNLESS NOTED

INCH ±.015

MM ±0.38

ANGLES ±5°

CEL PARALLEL POLE SPECIFICATION

MATERIAL

FINISH

DRAWN	C.H.	APPROVED	C.B.
CHECKED	M.J.	DATE	11/14/11
214			

SCALE

SIZE

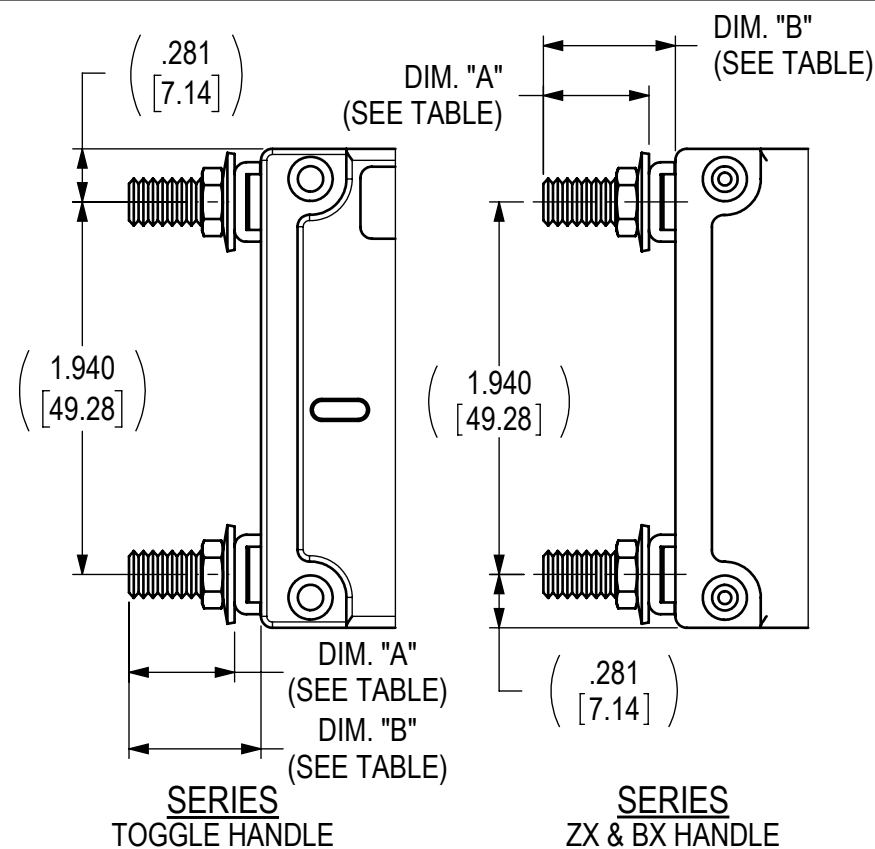
B

AM-385

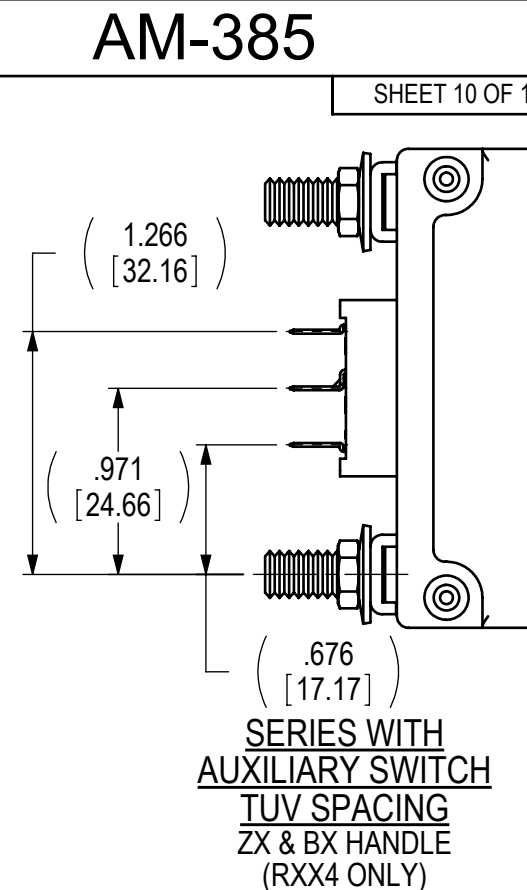
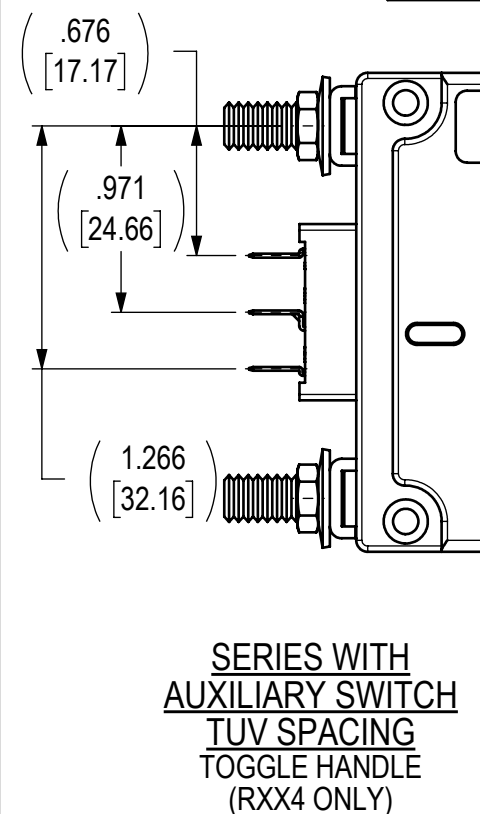
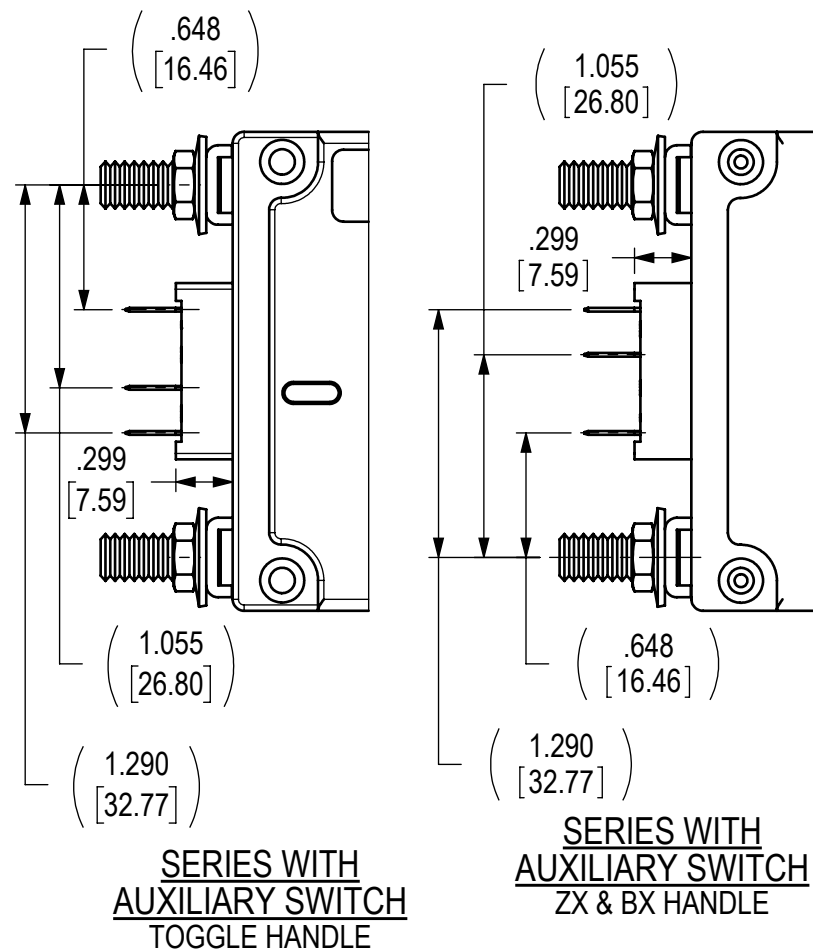
REVISION

AD

REVISIONS	
AD	448702



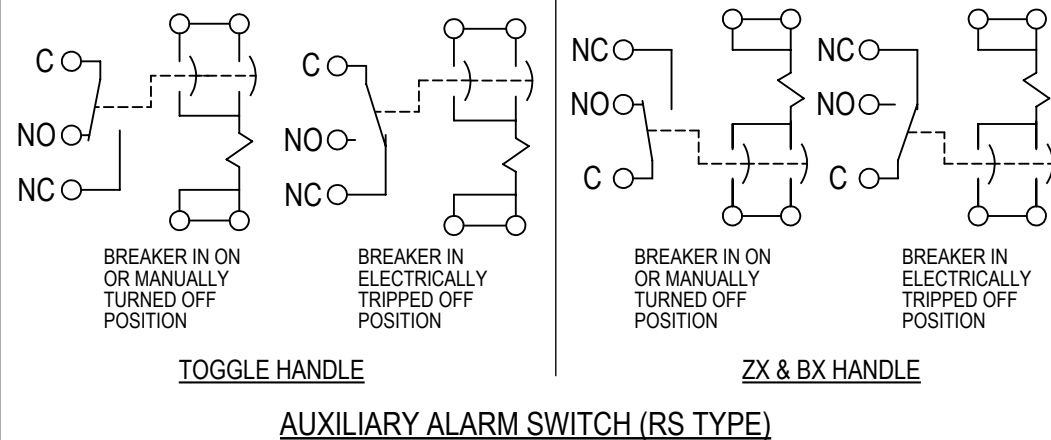
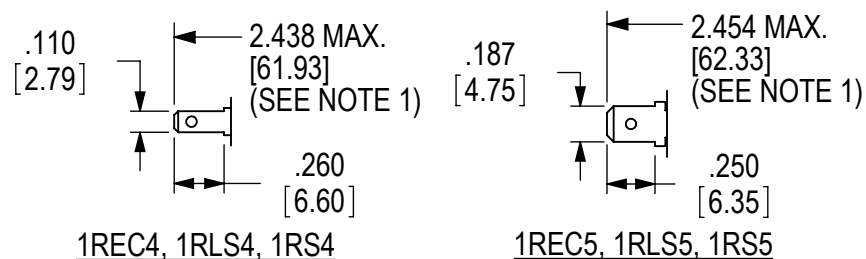
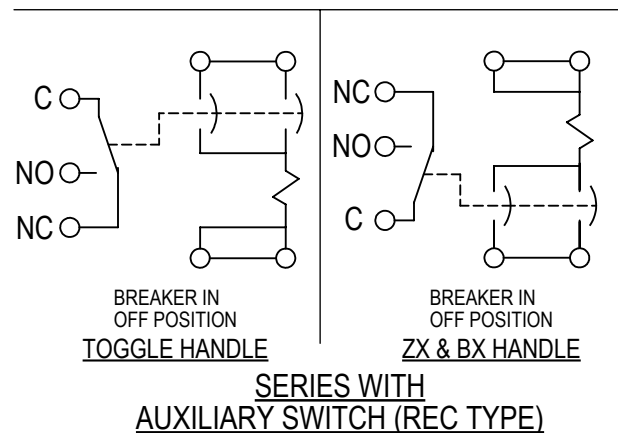
M6	.510 [12.95]	.652 [16.56]
1/4-20	.545 [13.84]	.687 [17.45]
STUD THREAD	DIM."A" ± .045 [1.14]	DIM."B" ± .035 [0.89]



AM-385

SHEET 10 OF 13

- NOTES:
1. DIMENSIONS THAT REFERENCE THIS NOTE ARE TAKEN FROM BACK OF MOUNTING PANEL.
 2. EACH OUTER STUD TERMINAL IS SUPPLIED WITH A BELLEVILLE WASHER AND A HEX NUT.
 3. EACH NUT MUST BE TIGHTENED TO A TORQUE OF 40-45 INCH POUNDS OTHERWISE RANDOM TRIPPING MAY OCCUR.



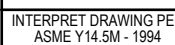
SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK
LATEST REVISION BEFORE USE.



POWER PROTECTION PRODUCTS
CAMBRIDGE, MD USA

DRAWN	C.H.	APPROVED	C.B.
CHECKED	M.J.	DATE	11/14/11
214			



INCH
[MM]

TOLERANCE
UNLESS NOTED

INCH	± .015
------	--------

MM	± 0.38
----	------------

CEL PARALLEL POLE SPECIFICATION

	MATERIAL
--	----------

	FINISH
--	--------

SCALE

	SIZE
--	------

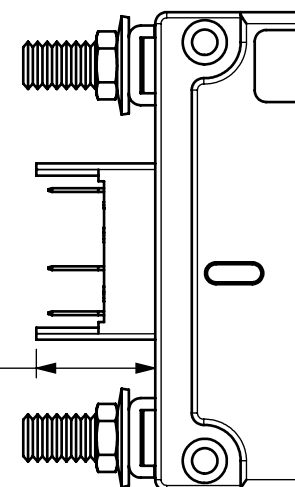
AM-385

REVISION

AD

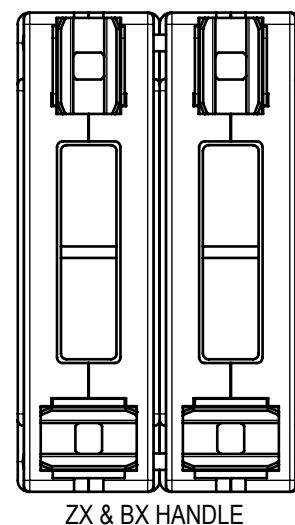
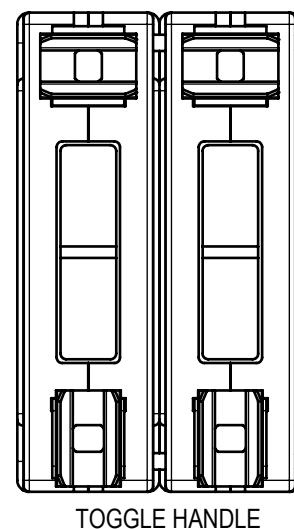
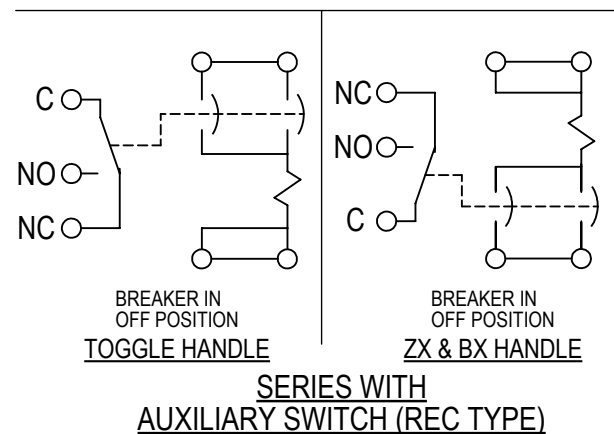
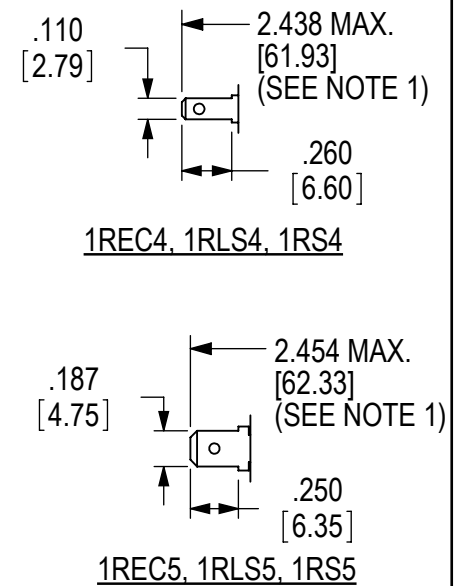
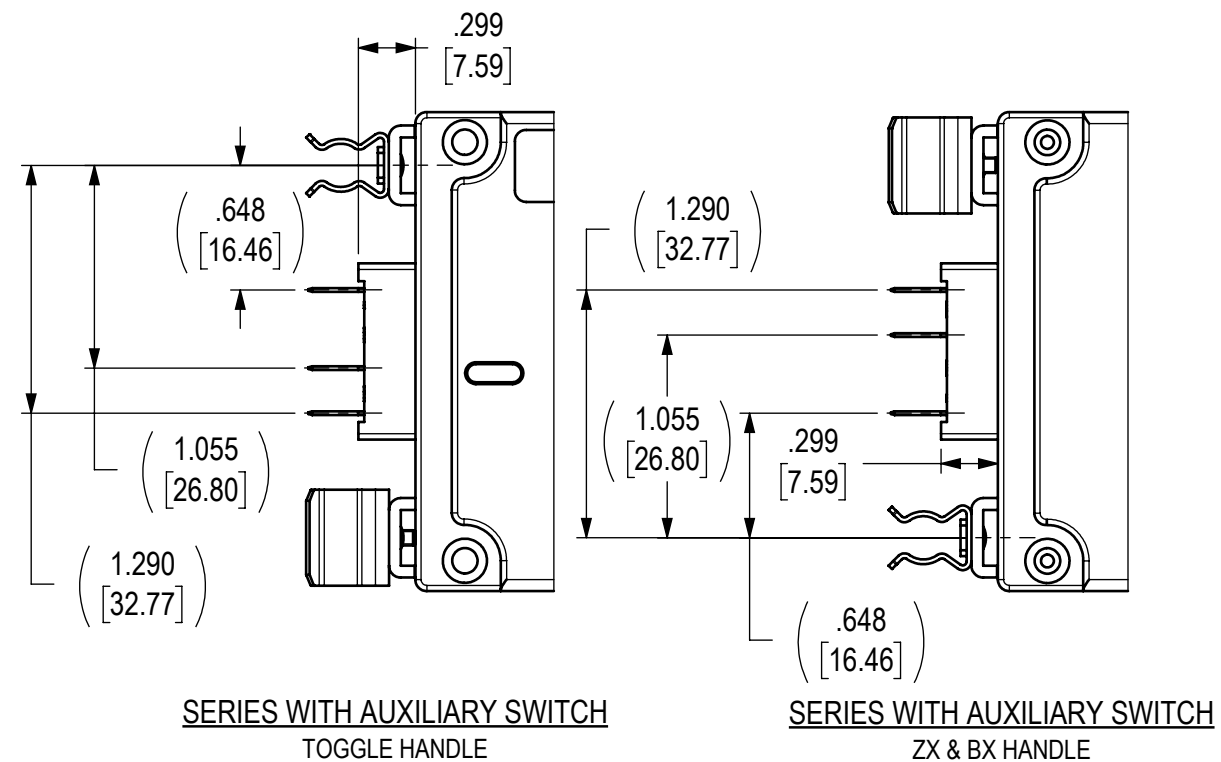
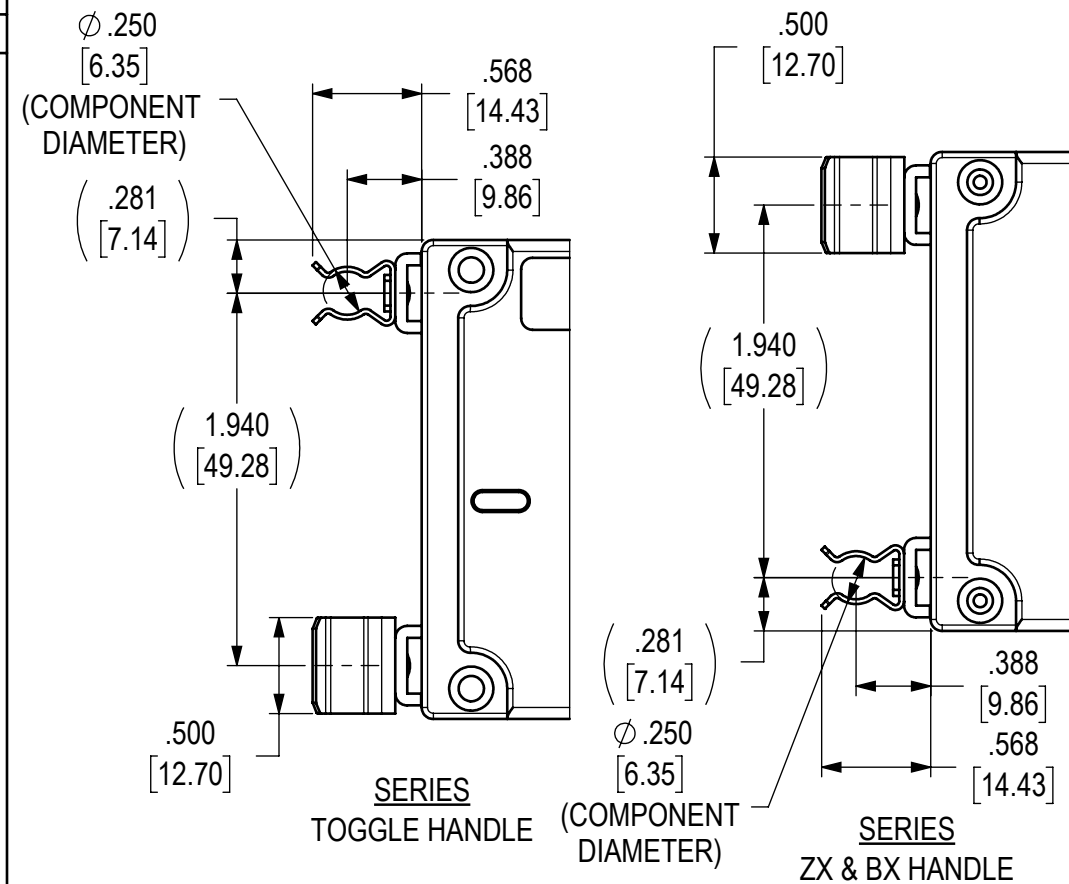
EXTENDED SWITCH ADAPTER
(SUPPLIED WITH NON-DESCRIPT
PART NUMBERS. CONSULT FACTORY.)
(STUD TERMINALS AND AUX SWITCH
TERMINAL SPACING SHOWN AS
REFERENCE.)

REQUIRED TO MAINTAIN
UL LISTED SPACINGS WHEN
THE AUXILIARY SWITCH IS
OPERATED AT A DIFFERENT
VOLTAGE THAN THE MAIN
TERMINALS.



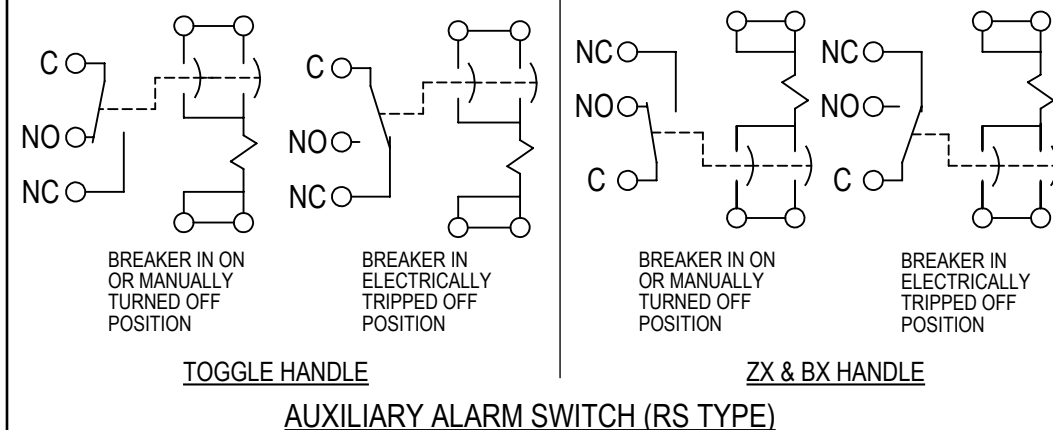
STUD TERMINAL CONFIGURATIONS

AM-385



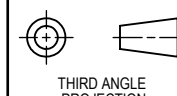
- NOTES:
1. DIMENSIONS THAT REFERENCE THIS NOTE ARE TAKEN FROM BACK OF MOUNTING PANEL.
 2. SEE SHEET 10 FOR EXTENDED SWITCH ADAPTER.
 3. FUSE CLIPS ARE NOT AVAILABLE ON THE 400A UNITS.

FUSE CLIP TERMINAL CONFIGURATIONS



SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK
LATEST REVISION BEFORE USE.



POWER PROTECTION PRODUCTS
CAMBRIDGE, MD USA

CEL PARALLEL POLE SPECIFICATION

INTERPRET DRAWING PER
ASME Y14.5M - 1994

INCH
[MM]

TOLERANCE
UNLESS NOTED

R	MATERIAL
---	----------

	FINISH
--	--------

DRAWN	C.H.
-------	------

APPROVED	C.B.
----------	------

INCH	± .015
------	--------

CHECKED	M.J.
---------	------

DATE	11/14/11
------	----------

MM	± 0.38
----	------------

214

ANGLES	$\pm 5^\circ$
--------	---------------

	SCALE
--	-------

SIZE	B
------	---

AM-385

AD

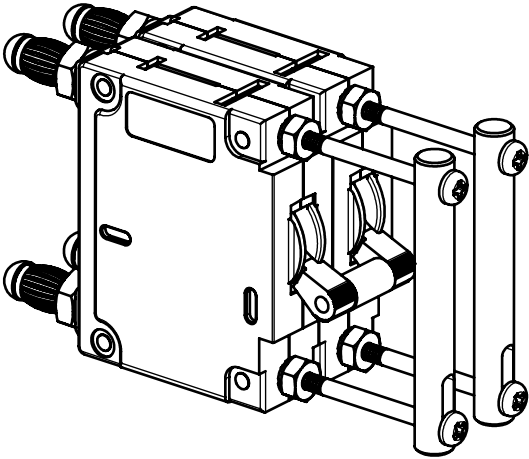
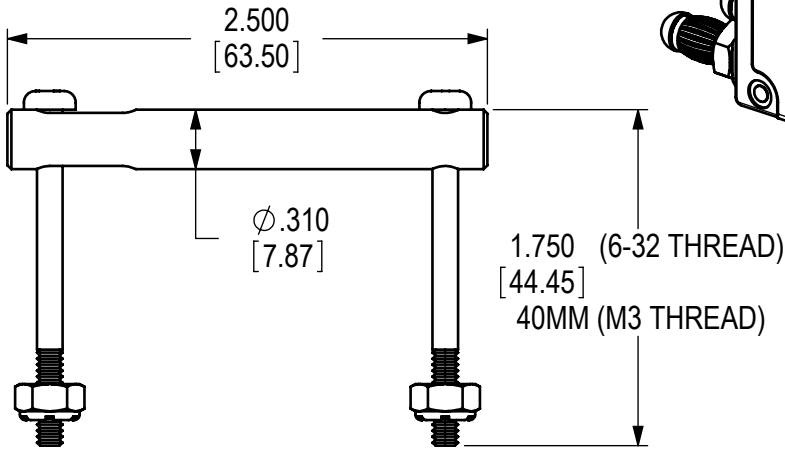
REVISIONS	
AD	448702

EXTRACTION TOOL

ORDER NUMBER FOR 6-32 INSERTS: 121-450-5060
ORDER NUMBER FOR M3 INSERTS: 121-450-5061

NOTE: USE ONE EXTRACTION TOOL PER POLE.

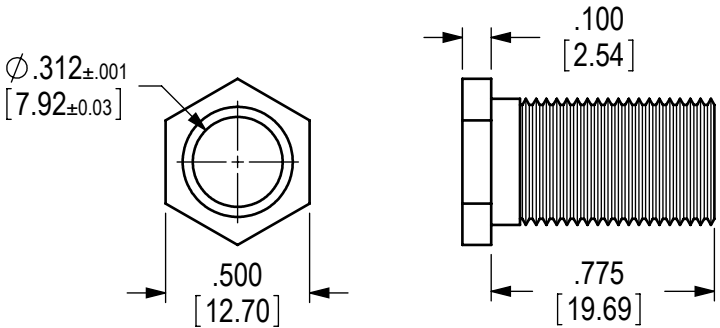
EXTRACTION TOOL: THIS TOOL IS USED TO AID IN THE REMOVAL OF BULLET STYLE CIRCUIT BREAKERS FROM BUS INSTALLATIONS.



BULLET HARDWARE OPTIONS

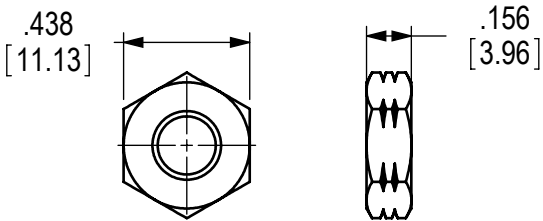
SOCKET 7/16-20 UNF-2A

ORDER NUMBER 641-480-5050 (SILVER PLATED BRASS)
ORDER NUMBER 641-480-5052 (SILVER PLATED COPPER)



NUT 1/4-20 UNC-2B

ORDER NUMBER 388-899-5010
(SILVER PLATED COPPER)

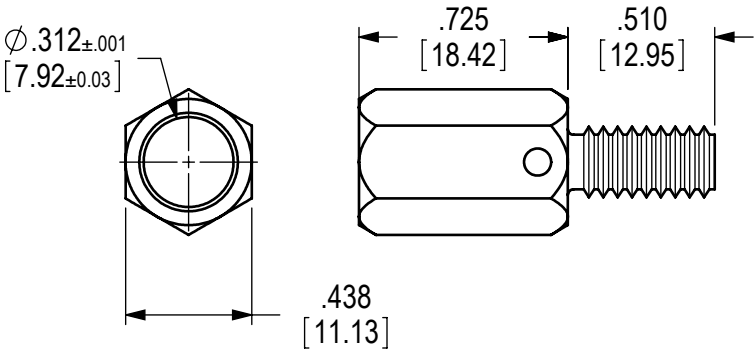


AM-385

SHEET 12 OF 13

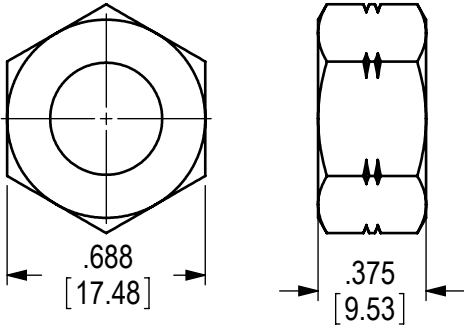
SOCKET 1/4-20 UNC-2A

ORDER NUMBER 641-480-5022 (SILVER PLATED COPPER)



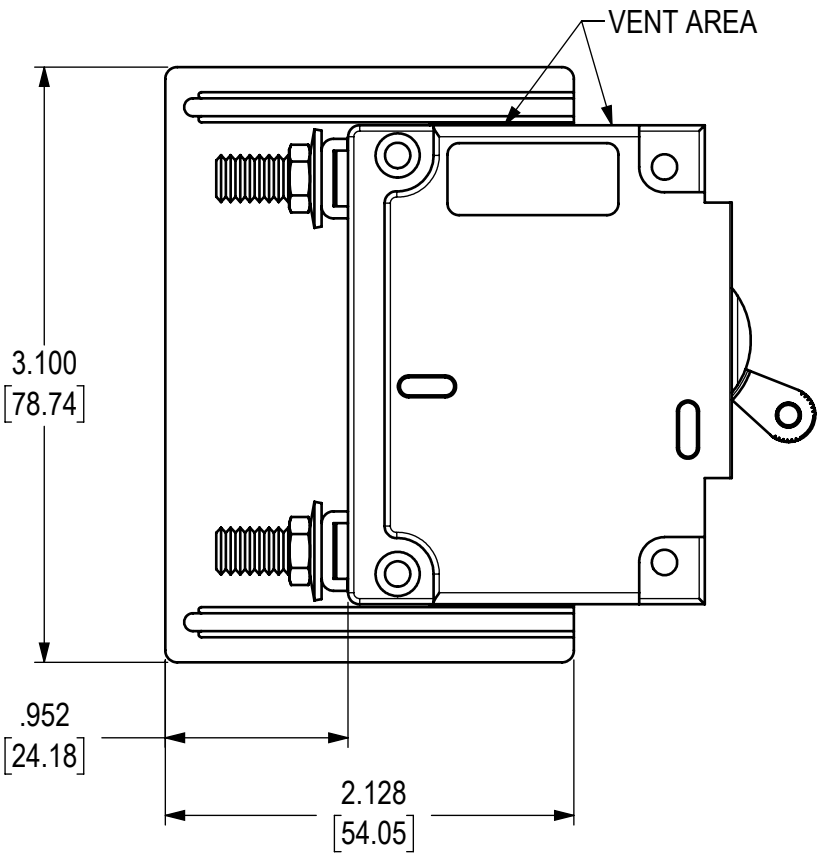
NUT 7/16-20 UNF-2B

ORDER NUMBER 388-803-7042
(SILVER PLATED COPPER)



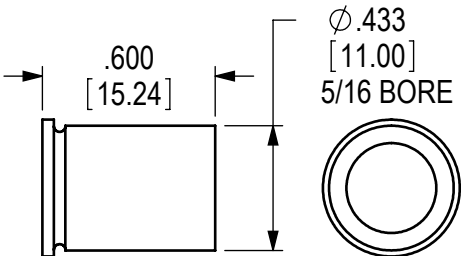
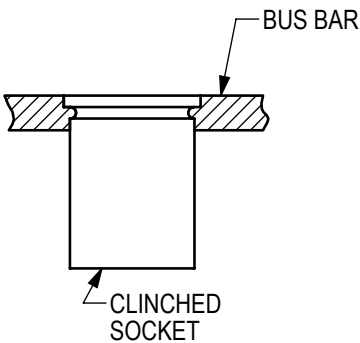
- NOTES:
1. SOCKET TORQUE SPECIFICATIONS
1/4-20 THREAD: 20-25 IN. LB.
7/16-20 THREAD: 85-90 IN. LB.
(NOT TO BE USED WITH STEEL NUTS.)
 2. SOCKETS TO BE USED WITH COPPER
BUS PLATED WITH SILVER, GOLD, OR NICKEL.

"B" BARRIER



CLINCHED SOCKET

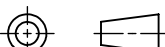
ORDER NUMBER 641-100-5070, 5/16 BORE
(SILVER PLATED BRASS)



- NOTES:
1. CLINCHED SOCKETS ARE DESIGNED TO BE PRESSED INTO PREPARED HOLES IN 1/4 HARD CDA 110 COPPER BUS BARS.
 2. MINIMUM BUS BAR THICKNESS IS .093 [2.36].
 3. 5/16 BORE CLINCHED SOCKETS CAN TRANSMIT 100 AMPS MAX.
 4. CONSULT FACTORY FOR OTHER LENGTHS & PLATING OPTIONS.
 5. REFER TO SENSATA TECHNOLOGIES POWER CONTROLS DOCUMENT AIS-1010 FOR DETAILED INSTALLATION INSTRUCTIONS.

SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

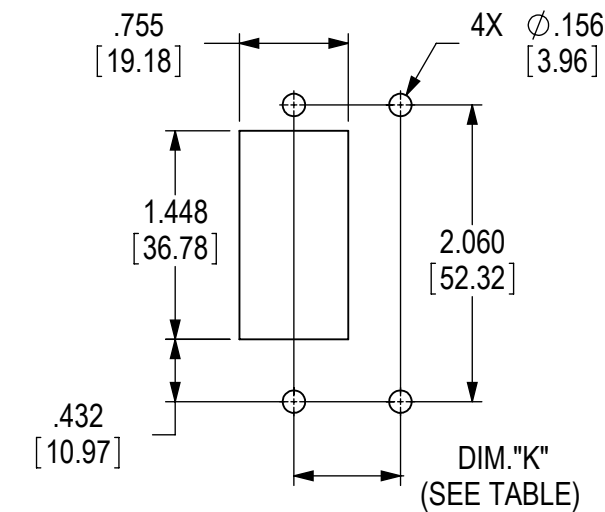
FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.

				CEL PARALLEL POLE SPECIFICATION			
POWER PROTECTION PRODUCTS CAMBRIDGE, MD USA		THIRD ANGLE PROJECTION		MATERIAL			
		INTERPRET DRAWING PER ASME Y14.5M - 1994					
		INCH [MM]		FINISH			
		TOLERANCE UNLESS NOTED					
DRAWN C.H.	APPROVED C.B.	INCH ± .015		SCALE	SIZE B	AM-385	REVISION AD
CHECKED M.J.	DATE 11/14/11	MM ± 0.38					
214		ANGLES ± 5°					

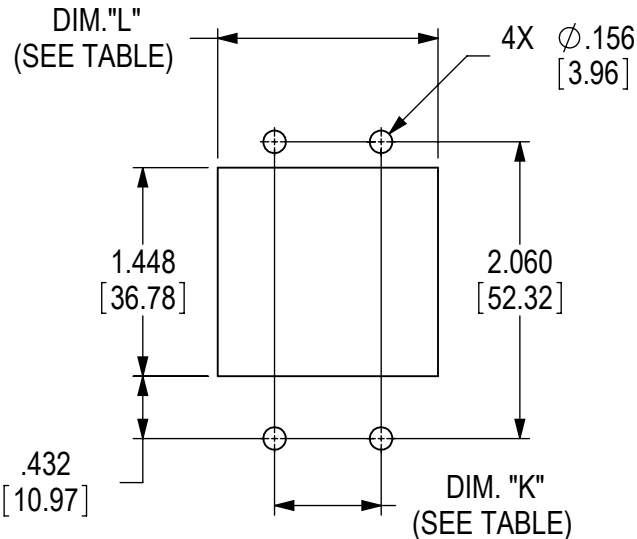
REVISIONS	
AD	448702

TOGGLE HANDLE PANEL MOUNTING DETAILS

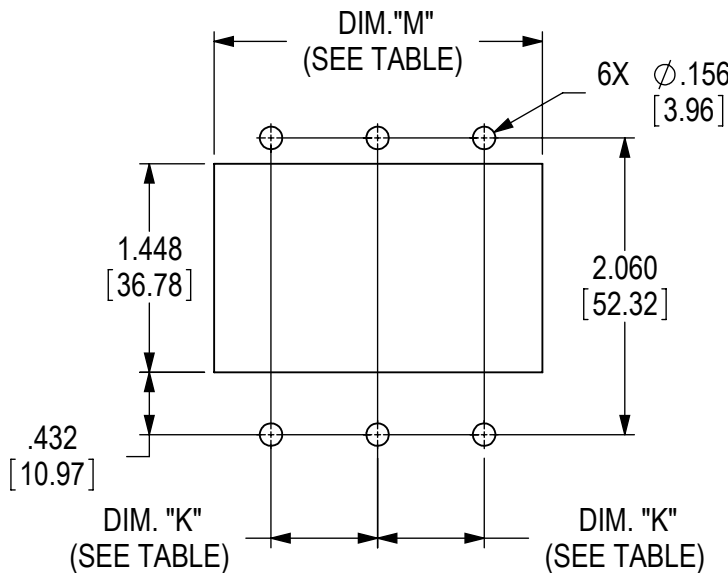
PANEL MOUNTING DETAIL TOLERANCE: ±.005 [0.13] UNLESS OTHERWISE NOTED.



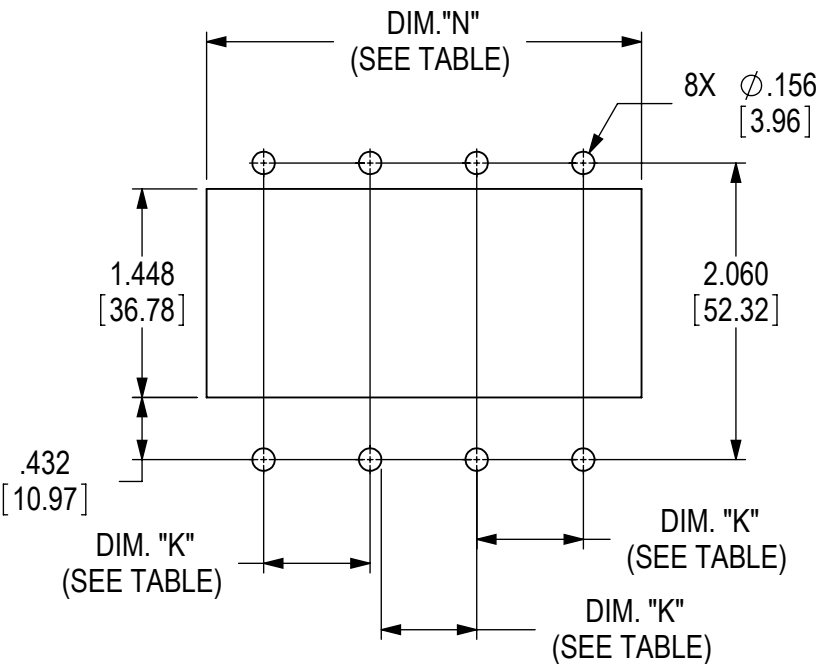
TWO POLE
SINGLE HANDLE



TWO POLE
HANDLE IN EACH POLE



THREE POLE



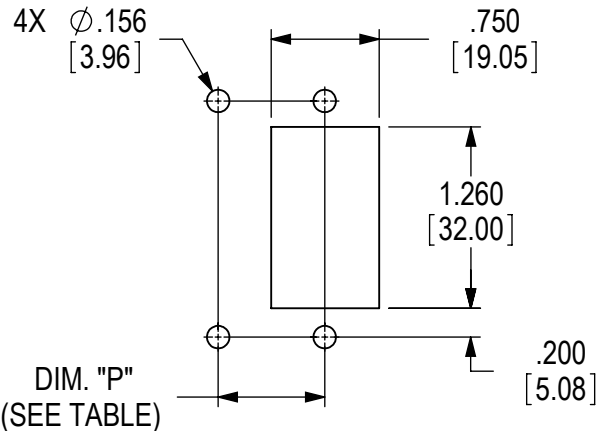
FOUR POLE

AM-385

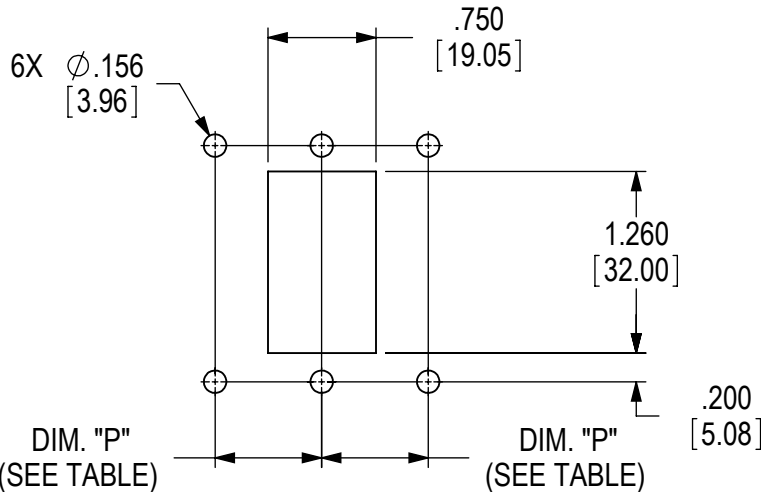
SHEET 13 OF 13

ZX & BX HANDLE PANEL MOUNTING DETAILS

PANEL MOUNTING DETAIL TOLERANCE: ±.005 [0.13] UNLESS OTHERWISE NOTED.



TWO POLE



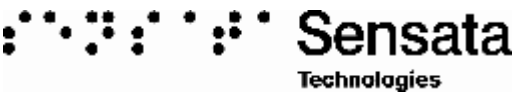
THREE POLE

.047 [1.19] SPACER	.787 [19.99]	.787 [19.99]
.025 [0.64] SPACER	.765 [19.43]	.765 [19.43]
NONE	.740 [18.80]	.740 [18.80]
SPACER	DIM. "C" & "F" (SEE SHTS. 4 & 5)	DIM. "P"

.047 [1.19] SPACER	.787 [19.99]	.787 [19.99]	1.572 [39.93]	2.389 [60.68]	3.196 [80.67]
.025 [0.64] SPACER	.765 [19.43]	.765 [19.43]	1.555 [39.50]	2.345 [59.56]	3.110 [78.99]
NONE	.740 [18.80]	.740 [18.80]	1.530 [38.86]	2.280 [57.91]	3.020 [76.71]
SPACER	DIM. "C", "F" & "H" (SEE SHTS. 4, 5 & 6)	DIM. "K"	DIM. "L"	DIM. "M"	DIM. "N"

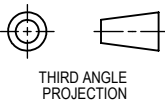
SENSATA TECHNOLOGIES PROPRIETARY AND CONFIDENTIAL. NEITHER THIS PRINT NOR THE INFORMATION CONTAINED HEREON IS TO BE USED AGAINST THE INTERESTS OF SENSATA TECHNOLOGIES OR AGAINST THE INTERESTS OF ANY OF ITS AFFILIATED COMPANIES OR WHOLLY OWNED SUBSIDIARIES.

FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.



POWER PROTECTION PRODUCTS
CAMBRIDGE, MD USA

DRAWN	C.H.	APPROVED	C.B.
CHECKED	M.J.	DATE	11/14/11
214			



INTERPRET DRAWING PER ASME Y14.5M - 1994	
INCH [MM]	
TOLERANCE UNLESS NOTED	
INCH ±.015	
MM ±0.38	
ANGLES ±5°	

CEL PARALLEL POLE SPECIFICATION

MATERIAL		FINISH	
SCALE		SIZE	B
AM-385		REVISION	
AD			