

1. THIS SPECIFICATION COVERS AIRPAX IAG/IUG/IEG/IEGS MAGNETIC CIRCUIT BREAKERS WITH INVERSE TIME DELAY AND TRIP FREE FEATURES.
2. DELAY TIME: SEE APPLICABLE TABLE.
3. RESISTANCE AND IMPEDANCE: AS SHOWN IN TABLE. THIS IS BASED ON UNITS OPERATING AT 100% OF RATED CURRENT.
4. HIGH-LOW TEMPERATURE OPERATION: CIRCUIT BREAKERS SHALL OPERATE IN THE RANGE FROM -40°C TO +85°C
5. DIELECTRIC STRENGTH: CIRCUIT BREAKERS SHALL WITHSTAND AC VOLTAGE 60 HERTZ FOR 60 SECONDS BETWEEN ALL ELECTRICALLY ISOLATED TERMINALS AS DESCRIBED BELOW
SERIES, SHUNT, SWITCH ONLY, THREE TERMINAL DUAL COIL & ADJACENT POLES - 3750 VAC
RELAY & FOUR TERMINAL DUAL COIL-1500 VAC
AUXILIARY SWITCHES - 600 VAC
SERIES W/AUX. SW. - 3750 VAC BETWEEN MAIN CIRCUIT BREAKER TERMINAL AND AUX. SWITCH TERMINAL
6. INSULATION RESISTANCE: SHALL NOT BE LESS THAN 100 MEGOHMS AT 500 VOLTS DC.
7. VIBRATION: CIRCUIT BREAKERS SHALL NOT TRIP WHEN VIBRATED PER MIL-STD-202, METHOD 204, TEST CONDITION A WITH 100% RATED CURRENT APPLIED TO DELAYED UNITS AND 80% RATED CURRENT TO INSTANTANEOUS UNITS.
8. SHOCK: CIRCUIT BREAKERS SHALL NOT TRIP WHEN TESTED PER MIL-STD-202, METHOD 213, TEST CONDITION I WITH 100% RATED CURRENT APPLIED TO DELAYED UNITS, EXCEPT 90% CURRENT IN PLANE 4, (I.E. HANDLE DOWN). INSTANTANEOUS UNITS SHALL HAVE 80% RATED CURRENT APPLIED IN ALL PLANES.
9. ENDURANCE: CIRCUIT BREAKERS SHALL OPERATE A MINIMUM OF 10,000 OPERATIONS WITH RATED CURRENT AT A MAXIMUM RATE OF 6 OPERATIONS PER MINUTE.
10. AUXILIARY SWITCH: (WHEN SUPPLIED) SHALL BE S.P.D.T. CONFIGURATION WITH A MAXIMUM RATING OF 10.1 AMPERES 250 VOLTS, 60 HERTZ: 3.0 AMPERES 50 VOLTS DC (REC TYPE) OR .1 AMPERES 125 VOLTS AC (REG TYPE).
11. IEG - ELECTRICAL RATINGS & SHORT CIRCUIT INTERRUPTING CAPACITIES

RATING	VOLTAGE RATING	A.I.C.	SERIES FUSE
30A MAX.	250 50/60 Hz	5000	80 AMPS MAX.
30A MAX.	250 400 Hz	1500	NONE
50A MAX.	80 DC	7500	NONE
50A MAX.	240 50/60 Hz	2000	NONE

12. PULSE TOLERANCE: THE FOLLOWING TABLE PROVIDES A COMPARISON OF INRUSH PULSE TOLERANCE WITH AND WITHOUT THE INERTIAL DELAY FEATURE FOR EACH OF THE 50/60Hz DELAYS. PULSE TOLERANCE IS DEFINED AS A SINGLE PULSE OF HALF SINE WAVE PEAK CURRENT AMPLITUDE OF 8 MILLISECONDS DURATION THAT WILL NOT TRIP THE CIRCUIT BREAKER.

DELAY	PULSE TOLERANCE
61, 62, 63, 71, 72, 73	10 X (APPROX.) RATED CURRENT
61F, 62F, 63F, 71F, 72F, 73F	12 X (APPROX.) RATED CURRENT
64, 65, 66 (0-50A)	25 X RATED CURRENT

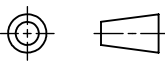
THIS TABLE PROVIDES A GUIDE TO DECISION REGARDING NEED FOR INERTIAL DELAY FEATURE. CONSULT FACTORY FOR FURTHER ASSISTANCE.

13. SALT SPRAY: CIRCUIT BREAKERS MEET THE REQUIREMENTS OF MIL-C-55629 WHEN TESTED IN ACCORDANCE WITH METHOD 101 OF MIL-STD-202.
14. MOISTURE: CIRCUIT BREAKERS MEET THE REQUIREMENTS OF MIL-C-55629 WHEN TESTED IN ACCORDANCE WITH METHOD 106 OF MIL-STD-202.
15. IEG, IEGS, IEGH, AND IEGHS CIRCUIT BREAKERS ARE DESIGNED TO MEET 8MM CREEPAGE AND CLEARANCE REQUIREMENTS FOR INSTALLATION CATEGORY III, POLLUTION DEGREE 3, CASE A AS MEASURED IN IEC 60664. INTENDED FOR USE IN EQUIPMENT DESIGNED TO COMPLY WITH IEC 60601 AND 60950.
16. IUG/IUGS/IUGH/IUGHS/IEG/IEGS/IEGH/IEGHS TYPE CIRCUIT BREAKERS ARE UL RECOGNIZED AND CSA CERTIFIED. SEE AIRPAX SPECIFICATION AM 327 FOR SPECIFIC RATINGS.
17. RECOMMENDED TORQUE SPECIFICATIONS:
6/32 MOUNTING INSERTS 6 - 8 INCH POUNDS. M3 MOUNTING INSERTS 4 - 5 INCH POUNDS. 8/32 AND M4 SCREW TERMINALS 10 - 12 INCH POUNDS. 10/32 AND M5 SCREW TERMINALS 14 - 15 INCH POUNDS. (NOTE: WHERE APPLICABLE, MECHANICAL SUPPORT MUST BE PROVIDED TO TERMINALS WHILE APPLYING TORQUE.)

18. ANY LINKAGE USED TO ACTUATE A CIRCUIT BREAKER MUST ACCOMMODATE FULL UNRESTRICTED HANDLE TRAVEL AT BOTH HANDLE EXTREMES(ON-OFF, OFF-ON). IF NOT, OVERLOAD PROTECTION COULD BE COMPROMISED.

TYPICAL BREAKER RESISTANCE/IMPEDANCE CHART			
CURRENT RATING (AMPS)	DC RESISTANCE-OHMS	50/60 Hz IMPEDANCE-OHMS	400 Hz IMPEDANCE-OHMS
	51, 52, 53, 59	61, 62, 63, 64, 65, 66, 69	41, 42, 43, 49
.200	45.8	28.5	71.94
1.0	1.38	1.10	2.85
2.0	.371	.29	.76
5.0	.055	.051	.12
10.0	.017	.016	.032
20.0	.006	.006	.010
30.0	.003	.004	.006
50.0	.0019	.0018	
DCR AND IMPEDANCE VALUES ARE BASED ON MEASUREMENTS BY THE VOLTMETER AMMETER METHOD, RATED CURRENT APPLIED FOR ONE HOUR AND AT A VOLTAGE NOT LESS THAN 20 VOLTS.			
TOLERANCE .05-2.5 AMPS ±20% ; 2.6-20 AMPS ±25% ; 21-50 AMPS ±50% .			
*CONSULT FACTORY FOR SPECIAL VALUES AND FOR COIL IMPEDANCE OF DELAYS NOT SHOWN.			

% OVERLOAD - TRIP TIME IN SECONDS								
DELAY	100 %	125% *	150%	200%	400%	600%	800%	1000%
41	NO TRIP	MAY TRIP	.5-8	.15-1.9	.02-.4	.006-.25	.004-.1	.004-.05
42	NO TRIP	MAY TRIP	5-70	2.2-25	.40-5	.012-2	.006-.2	.006-.15
43	NO TRIP	MAY TRIP	35-350	12-120	1.5-20	.012-2.2	.01-.22	.01-.1
49	NO TRIP	MAY TRIP	.100 MAX.	.050 MAX.	.020 MAX.	.020 MAX.	.020 MAX.	.020 MAX.
51	NO TRIP	.5-6.5	.3-3	.1-1.2	.031-.5	.011-.25	.004-.1	.004-.08
52	NO TRIP	2-60	1.8-30	1-10	.15-2	.015-1	.008-.5	.006-.1
53	NO TRIP	80-700	40-400	15-150	2-20	.015-9	.015-.55	.012-.2
59	NO TRIP	.120 MAX.	.100 MAX.	.050 MAX.	.022 MAX.	.017 MAX.	.017 MAX.	.017 MAX.
61	NO TRIP	.7-12	.35-7	.130-3	.030-1	.015-.3	.01-.15	.008-.1
62	NO TRIP	10-120	6-60	2-20	.2-3	.015-2	.015-.8	.01-.25
63	NO TRIP	50-700	30-400	10-150	1.5-20	.015-10	.013-.85	.013-.5
64	NO TRIP	.7-12	.35-7	.13-3	.030-1	.017-.3	.01-.16	.008-.1
65	NO TRIP	10-120	6-60	2-20	.2-3	.02-2	.017-.76	.01-.6
66	NO TRIP	50-700	30-400	10-150	1.5-20	.4-10	.014-5	.014-3
69	NO TRIP	.120 MAX.	.100 MAX.	.050 MAX.	.022 MAX.	.017 MAX.	.017 MAX.	.017 MAX.
71	NO TRIP	.44-10	.3-7	.1-3	.03-1	.012-.3	.004-.15	.004-.1
72	NO TRIP	1.8-100	1.7-60	1-20	.15-3	.015-2	.008-.79	.006-.28
73	NO TRIP	50-600	30-400	10-150	1.8-20	.015-10	.015-.88	.011-.5
79	NO TRIP	.120 MAX.	.100 MAX.	.050 MAX.	.023 MAX.	.016 MAX.	.015 MAX.	.015 MAX.

TYPE		FIRST DECISION DESCRIPTION	
IAG	ONE TOGGLE HANDLE PER UNIT	IMGS	ONE TOGGLE HANDLE PER UNIT MID TRIP CONSTRUCTION, U.L. RECOGNIZED SNAP-IN MOUNTING
*IUG			
**IEG			
IAGH	ONE TOGGLE HANDLE PER POLE	IMGHs	ONE TOGGLE HANDLE PER POLE MID TRIP CONSTRUCTION, U.L. RECOGNIZED SNAP-IN MOUNTING
*IUGH			
**IEGH			
IAGS	ONE TOGGLE HANDLE PER UNIT, SNAP-IN MOUNTING		
*IUGS			
**IEGS			
IAGHS	ONE TOGGLE HANDLE PER POLE, SNAP-IN MOUNTING		
*IUGHS			
**IEGHS			
IMG	ONE TOGGLE HANDLE, SINGLE POLE ONLY, MID TRIP CONSTRUCTION, U.L. RECOGNIZED IMG- TUV APPROVED FOR DC (NO AC RATINGS).		
IMGH	ONE TOGGLE HANDLE PER POLE MID TRIP CONSTRUCTION, U.L. RECOGNIZED IMG- TUV APPROVED FOR DC (NO AC RATINGS).		

*U.L. RECOGNIZED, CSA CERTIFIED
 **U.L. RECOGNIZED, CSA CERTIFIED (SEE NOTE 3)
 NOTES:
 A. REFERENCE AM-327-6 FOR SPECIFIC CSA APPLICABILITY.
 B. FLAT SCREW TERMINALS - ALL TYPES FOLLOWED WITH "F". (Ex. IEGF)
 C. WIRE CLAMP CONNECTORS - ALL TYPES FOLLOWED WITH "W". (Ex. IEGW)
 D. BULLET TERMINALS - ALL TYPES FOLLOWED WITH "B" (Ex. IUGB) TUV NON DESCRIPT ONLY, CANNOT USE "B" IN PREFIX.

SECOND DECISION		
POLES		
PUSH-ON TERMINALS	SCREW TERMINALS	
1	6	SINGLE POLE
11	66	TWO POLE
111	666	THREE POLE
1111	6666	FOUR POLE

NOTE:
 PUSH-ON & 8-32 SCREW TERMINALS
 USAGE: 30 AMPS MAX.
 10-32 SCREW TERMINAL MUST BE
 USED ABOVE 30 AMPS.

THIRD DECISION	
-0	SWITCH ONLY (SEE FOURTH DECISION)
-1	SERIES
-IREC4	SERIES WITH AUXILIARY SWITCH * .110 QUICK CONNECT
-IREG4	SERIES WITH AUXILIARY SWITCH * .110 QUICK CONNECT (GOLD CONTACTS)
-1RLS4	SERIES WITH ALARM AUXILIARY SWITCH * .110 QUICK CONNECT USED WITH MID-TRIP CONSTRUCTION ONLY
-IRS4	SERIES WITH ALARM AUXILIARY SWITCH * .110 QUICK CONNECT
-IREC5	SERIES WITH AUXILIARY SWITCH * .187 QUICK CONNECT
-1RLS5	SERIES WITH ALARM AUXILIARY SWITCH * .187 QUICK CONNECT USED WITH MID-TRIP CONSTRUCTION ONLY
-IRS5	SERIES WITH ALARM AUXILIARY SWITCH * .187 QUICK CONNECT
-3	SHUNT
-4	RELAY (NOT AVAILABLE IN IEG/IEGH)

* ONLY ONE AUXILIARY SWITCH IS NORMALLY SUPPLIED ON TWO AND THREE POLE UNITS. SWITCH IS LOCATED IN THE RIGHT HAND POLE. (VIEWED FROM TERMINAL END) UNLESS OTHERWISE SPECIFIED.

FOURTH DECISION FREQUENCY AND DELAY	
-SW	SWITCH ONLY (SEE NOTE)
-41	400 Hz SHORT DELAY
-42	400 Hz LONG DELAY
-43	400 Hz MOTOR START / EXTRA LONG DELAY
-49	400 Hz 150% INSTANT TRIP
-51	DC SHORT DELAY
-52	DC LONG DELAY
-53	DC MOTOR START / EXTRA LONG DELAY
-59	DC 125% INSTANT TRIP
-61	50/60 Hz SHORT DELAY
-62	50/60 Hz LONG DELAY
-63	50/60 Hz MOTOR START/EXTRA LONG DELAY
-64	50/60 Hz SHORT DELAY
-65	50/60 Hz LONG DELAY
-66	50/60 Hz MOTOR START / EXTRA LONG DELAY
-69	50/60 Hz 125% INSTANT TRIP
-71	DC/60 Hz SHORT DELAY
-72	DC/60 Hz LONG DELAY
-73	DC/60 Hz MOTOR START / EXTRA LONG DELAY
-79	DC/60 Hz 135% INSTANT TRIP
FOR ADDITION OF INERTIAL DELAY, ADD AN F TO ANY DELAY NUMERAL. NOTE: SWITCH OPTION IN FOURTH DECISION AVAILABLE WITH THIRD DECISION OPTIONS 0, 1REC4, 1REC5, AND 1REG4.	

IUG 1 - 1REC5 - 61 - 20 . 0 - A - 00

IEG 1 - 1REC4 - 61 - 20 . 0 - A - 01 - V

SIXTH DECISION	
-A	METRIC THREAD MOUNTING TERMINALS AND SCREWS (SEE NOTE 2)
-B	BARRIER (SEE SHEET 7)
-C	277 V (50/60 Hz ONLY)(TUV APPROVED AT 250V)
-G	HANDLE GUARDS, SNAP-IN MOUNTING
-L	HANDLE LOCK (SEE SHEET 14)
-M	HANDLE IN OPPOSITE POLE
-Q	APG STYLE "FAT" HANDLE (SEE NOTE 3 BELOW & SHEET 7)
-S	SNAP-IN MOUNTING FACE PLATE SIDES FLUSH WITH BREAKER (SEE SHEET 12)
-Z	OPTIONAL BARRIER (SEE SHEET 7)

SEVENTH DECISION			
HANDLE COLOR SELECTION			
UNMARKED		MARKED (COMBINATION ON-OFF/O-I)	
-00	BLACK	-01 (STD)	BLACK W/WHITE MARKINGS
-10	YELLOW	-11	YELLOW W/BLACK MARKINGS
-20	RED	-21	RED W/WHITE MARKINGS
-30	BLUE	-31	BLUE W/WHITE MARKINGS
-40	GREEN	-41	GREEN W/WHITE MARKINGS
-60	ORANGE	-61	ORANGE W/BLACK MARKINGS
-90	WHITE	-91	WHITE W/BLACK MARKINGS

AGENCY APPROVALS		
(NONE)		
-C	CCC	IEG ONLY. (THIS UNIT WILL NOT BE TUV APPROVED.)
-U	U3	IUG SERIES CONSTRUCTION ONLY. (SEE SHEET 4)
-UC	U3 & CCC	IEG SERIES CONSTRUCTION ONLY.
-UV	U3 & TUV	IEG SERIES CONSTRUCTION ONLY.
-V, -T	TUV	IEG ONLY. (INCLUDES APPLICABLE CCC RATINGS)

AREAS ENCLOSED WITH BOLD LINES DENOTE APPROVAL OPTIONS. THIS APPROVAL REQUIRES THE ADDITION OF A -V, -T OR -C AT THE END OF THE PART NUMBER. THE -V, -T OR -C WILL BE ADDED TO ANY PART NUMBER FORMED ENTIRELY FROM BOLD OUTLINED DECISIONS. IF NON-BOLD OUTLINED AREAS ARE SELECTED, THE UNIT WILL NOT BE TUV OR CCC APPROVED. BUT OTHER

FIFTH DECISION
RATED CURRENT
USE THREE NUMBERS TO PRINT REQUIRED VALUE BETWEEN .050 AMPS MINIMUM AND 50.0 AMPS MAXIMUM.
FOR SWITCH ONLY UNITS USE 30.0 OR 50.0 (SEE NOTE 4)

NOTES:

1. IT IS RECOMMENDED THAT POWER LEADS BE SOLDERED TO CIRCUIT BREAKERS HAVING PUSH-ON TERMINALS FOR CURRENT TRIP RATINGS ABOVE 10 AMPERES.
2. WHEN "A" (METRIC THREAD MOUNTING) IS SPECIFIED IN THE SIXTH DECISION IN COMBINATION WITH SCREW TERMINAL OPTION IN THE SECOND DECISION, METRIC SCREW TERMINALS ARE SUPPLIED.
3. IEG, IEGS, IEGH, AND IEGHS CIRCUIT BREAKERS ARE DESIGNED TO MEET 8MM CREEPAGE AND CLEARANCE REQUIREMENTS FOR INSTALLATION CATEGORY III, POLLUTION DEGREE 3, CASE A AS MEASURED IN IEC 60664. INTENDED FOR USE IN EQUIPMENT DESIGNED TO COMPLY WITH IEC 60601 AND 60950.
4. SWITCH ONLY CONSTRUCTION IS RATED AT 50A/240VAC/80VDC, OR 30A/250VAC/80VDC. TUV RATINGS ARE 50A/250VAC OR 30A/250VAC. CONSULT FACTORY FOR OTHER RATINGS.

CIRCUIT PROTECTORS FOR PORTABLE AND STANDBY ELECTRICAL GENERATORS

FIRST DECISION	
TYPE	DESCRIPTION
IUG	ONE TOGGLE HANDLE PER UNIT MEETS U3,TC1,OL REQUIREMENTS CSA22.2 NO.100-04(SEPT.2004) AIRPAX PART NUMBER MUST BE SPECIFIED WITH -U AT END OF PART NUMBER.
IUGH	ONE TOGGLE HANDLE PER POLE MEETS U3,TC1,OL REQUIREMENTS CSA22.2 NO.100-04(SEPT.2004) AIRPAX PART NUMBER MUST BE SPECIFIED WITH -U AT END OF PART NUMBER.

SECOND DECISION		
POLES		
PUSH-ON TERMINALS	SCREW TERMINALS	
1	6	SINGLE POLE
11	66	TWO POLE
111	666	THREE POLE
NOTE: PUSH-ON & 8-32 SCREW TERMINALS USAGE: 30 AMPS MAX. 10-32 SCREW TERMINAL MUST BE USED ABOVE 30 AMPS.		

THIRD DECISION	
-1	SERIES

FOURTH DECISION	
FREQUENCY AND DELAY	
-61	50/60 Hz SHORT DELAY
-62	50/60 Hz LONG DELAY
-63	50/60 Hz MOTOR START / EXTRA LONG DELAY
-69	50/60 Hz 125% INSTANT TRIP
FOR ADDITION OF INERTIAL DELAY, ADD AN F TO ANY DELAY NUMERAL.	

FIFTH DECISION	
RATED CURRENT	
USE THREE NUMBERS TO PRINT REQUIRED VALUE BETWEEN .050 AMPS MINIMUM AND 50.0 AMPS MAXIMUM.	

IUG 1 - 1 - 61 - 20 . 0 - A - 00 - U

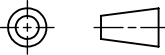
SIXTH DECISION	
-A	METRIC THREAD MOUNTING AND TERMINATIONS
NOTES: 1. ONE OR MORE DESCRIPTIONS MAY BE USED AS REQUIRED.	

SEVENTH DECISION			
HANDLE COLOR SELECTION			
UNMARKED		MARKED (COMBINATION ON-OFF/O-I)	
-00	BLACK	-01	BLACK W/WHITE MARKINGS
-10	YELLOW	-11	YELLOW W/BLACK MARKINGS
-20	RED	-21	RED W/WHITE MARKINGS
-30	BLUE	-31	BLUE W/WHITE MARKINGS
-40	GREEN	-41	GREEN W/WHITE MARKINGS
-60	ORANGE	-61	ORANGE W/BLACK MARKINGS
-90	WHITE	-91	WHITE W/BLACK MARKINGS

EIGHTH DECISION	
INDICATES U3 APPROVAL	

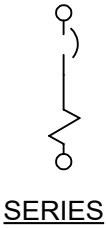
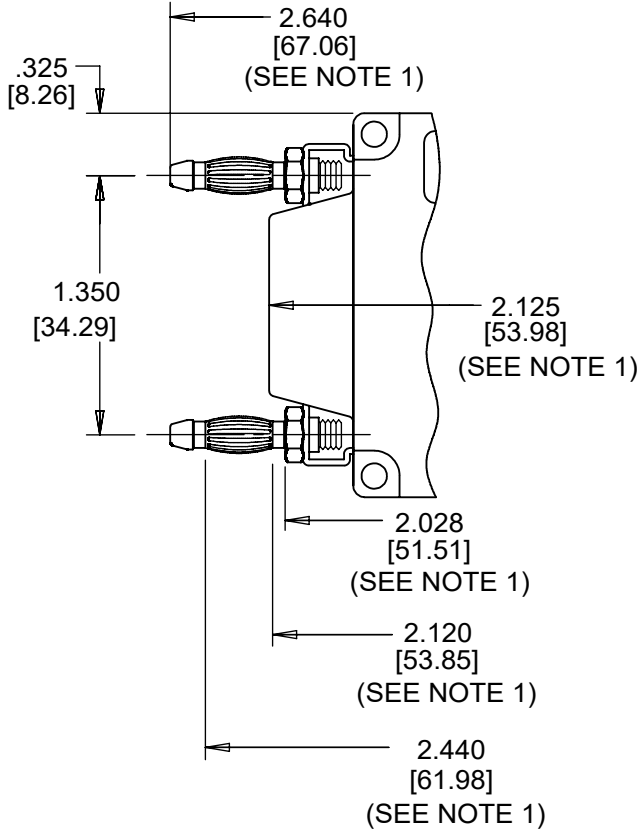
SHORT CIRCUIT INTERRUPTING CAPACITIES

RATING	VOLTAGE RATING (AC)	A.I.C.	CONFIG.
50A MAX.	125	1000	1 POLE
	250(2 POLE BREAK)	1000	2 POLE
	250	1000	3 POLE

BULLET TERMINALS

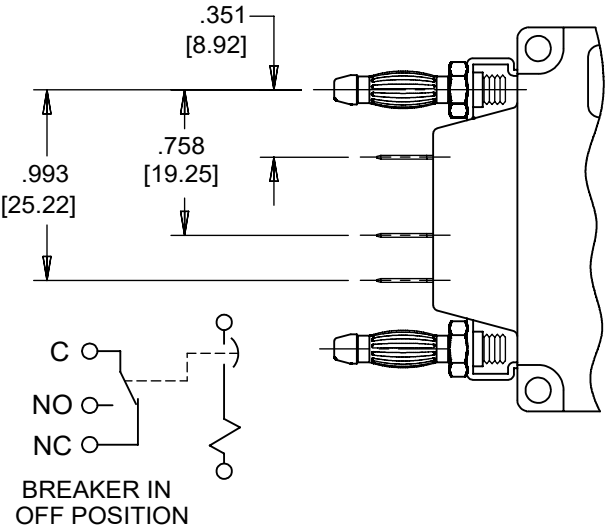
AVAILABLE AS NON-DESCRIPT PART NUMBERS ONLY. CONSULT FACTORY.



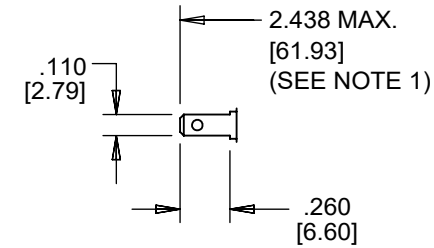
BULLET RECEIVING HOLE DIMENSION .159±.001 [4.04 ±0.03]
WITH A .050 [1.27] X 45° CHAMFER ON ENTRY EDGE.

¹⁶/ FINISH OR LESS INSIDE SURFACE OF HOLES.

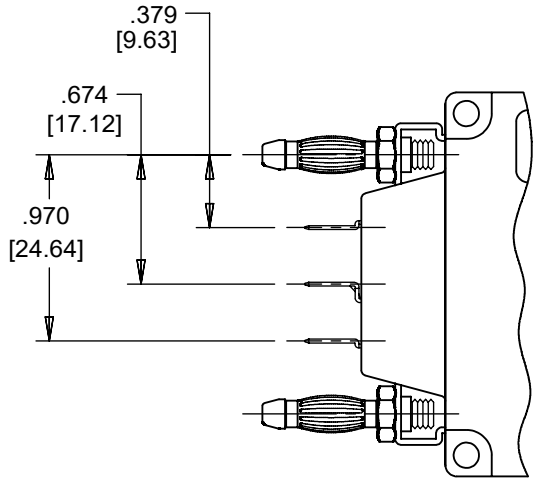
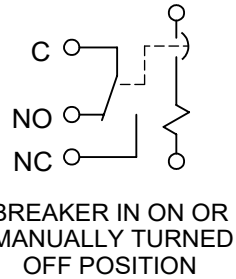
- NOTES:
- 1. TERMINAL PROTRUSION DIMENSIONS ARE REFERENCED FROM BACK OF MOUNTING PANEL.
 - 2. MAX. NUMBER OF POLES WITH BULLET TERMINALS: 3



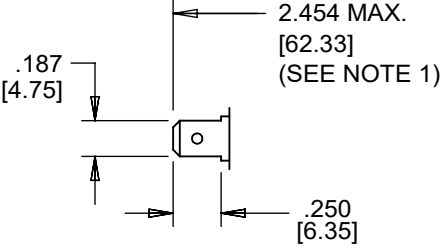
SERIES WITH AUXILIARY SWITCH



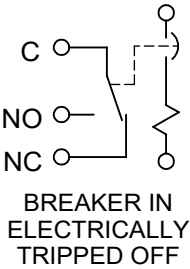
-1REC4, -1REG4, -1RLS4, -1RS4



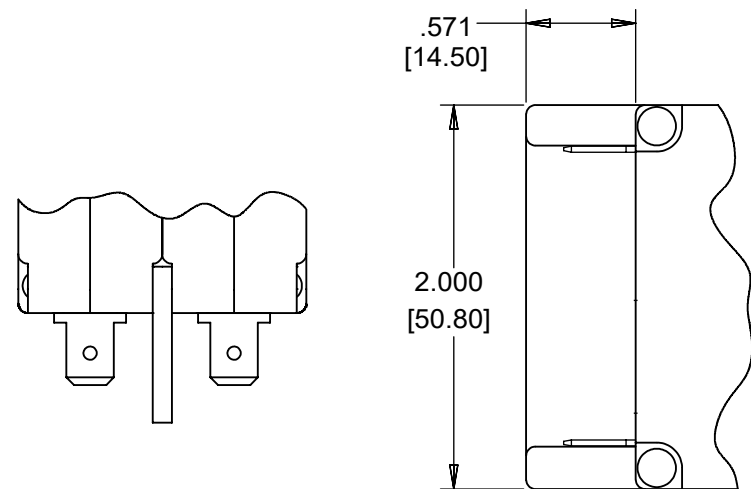
SERIES WITH AUXILIARY SWITCH
TUV SPACING
(RXX4 ONLY)



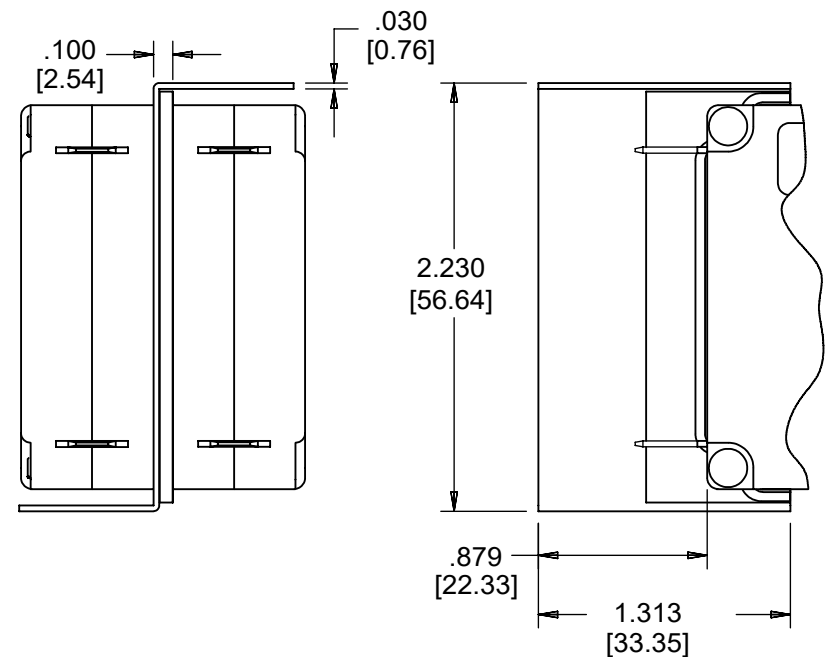
-1REC5, -1RLS5, -1RS5



BARRIERS



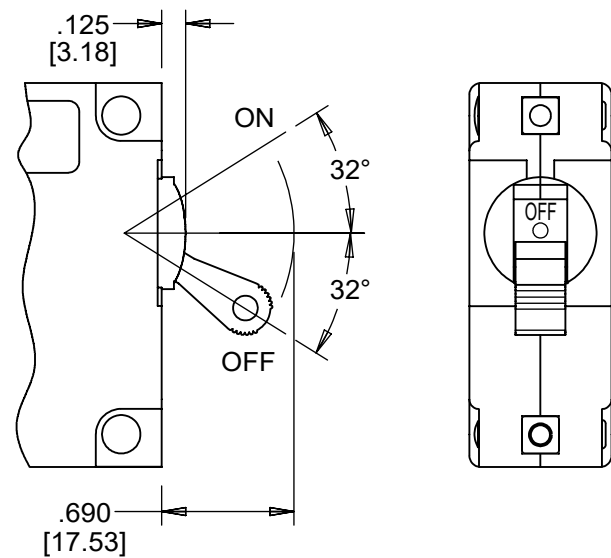
BARRIER (-B)



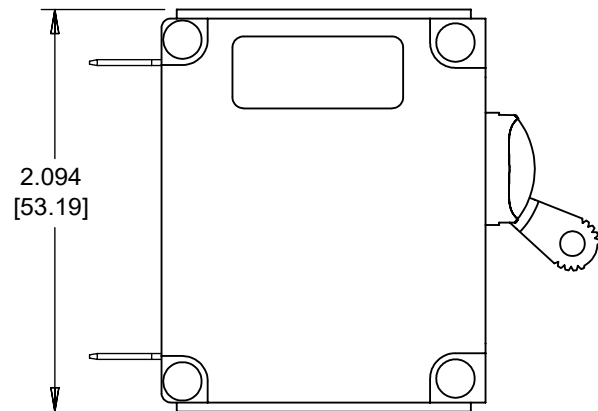
OPTIONAL BARRIER (-Z)

APG STYLE "FAT" HANDLE OPTION

(SEE SHEET 2, SIXTH DECISION, Q)



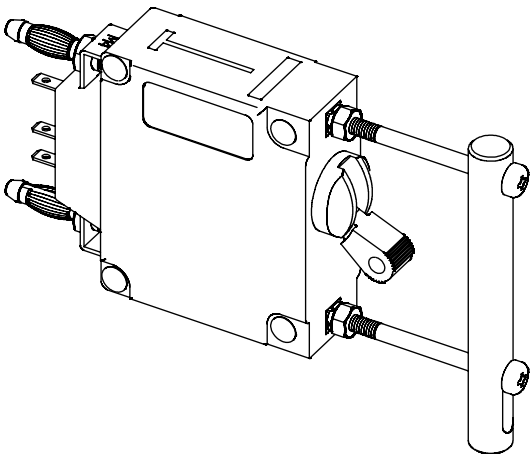
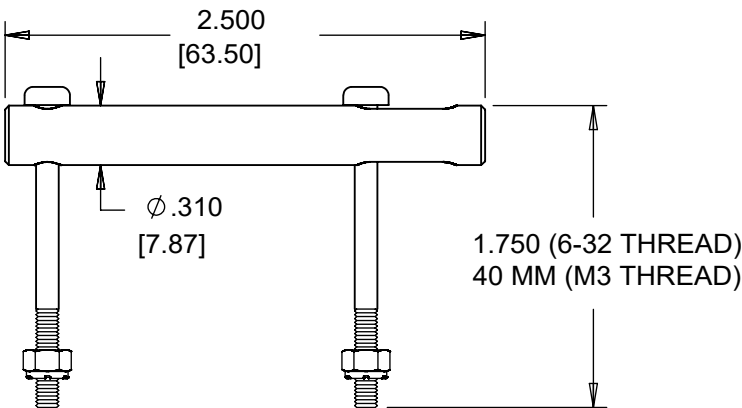
VENT PLATE CONFIGURATION

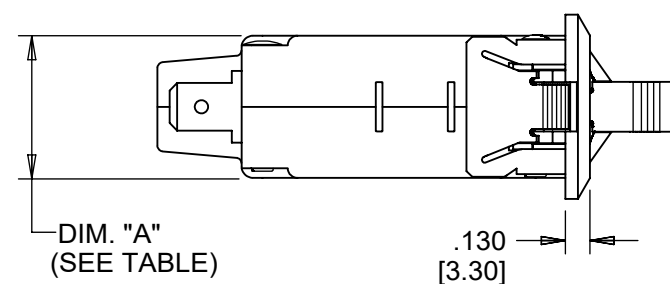
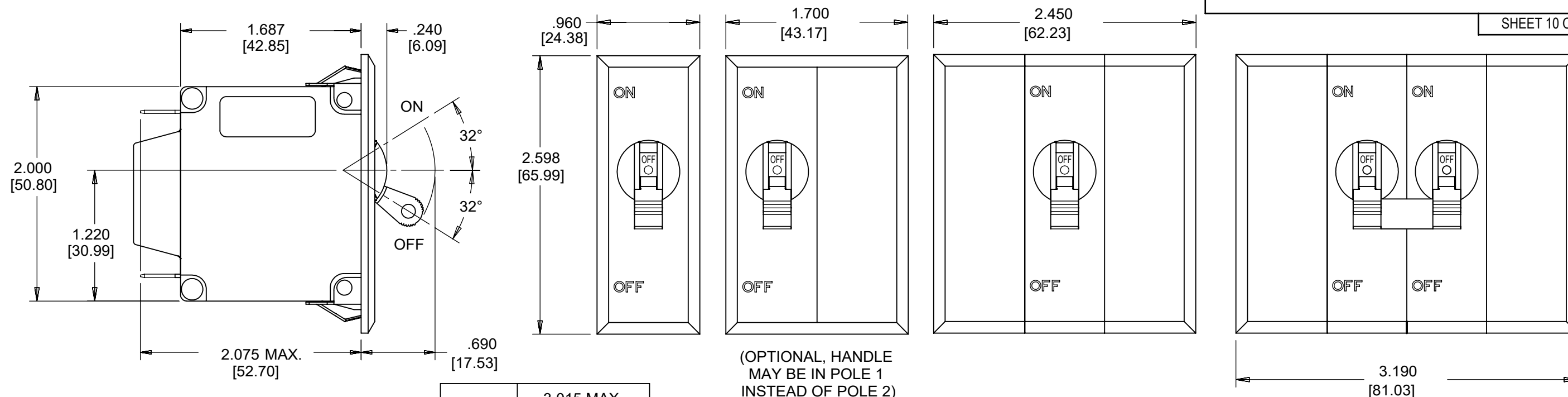


EXTRACTION TOOL

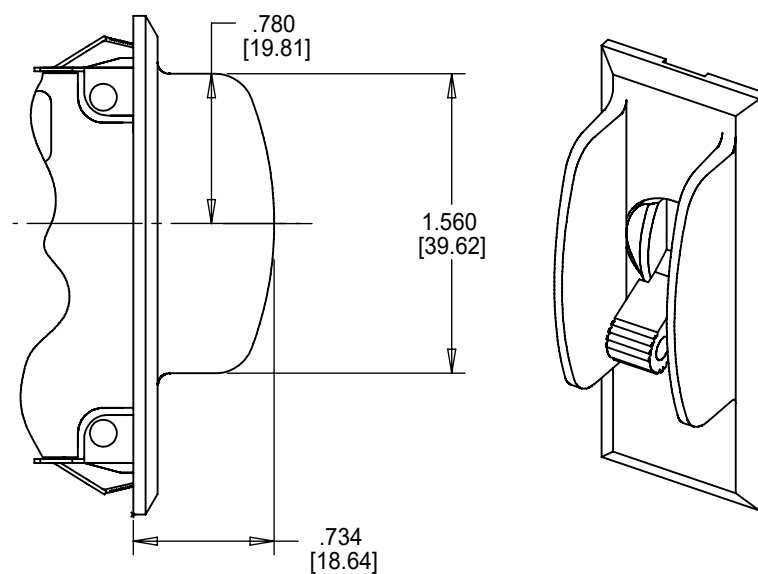
ORDER NUMBER FOR 6-32 INSERTS: 121-450-5060
ORDER NUMBER FOR M-3 INSERTS: 121-450-5061
NOTE: USE ONE EXTRACTION TOOL PER POLE.

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





SNAP-IN MOUNTING FACE PLATE WITH HANDLE GUARDS

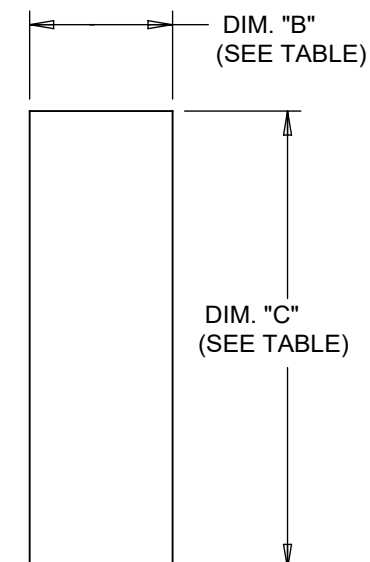


SNAP-IN MOUNTING FACE PLATES WITH INTEGRAL HANDLE GUARDS SHOWN AT RIGHT ARE DIMENSIONALLY IDENTICAL TO THOSE SHOWN ABOVE. CONSULT FACTORY FOR HANDLE GUARD OPTIONS AND ORDERING INFORMATION.

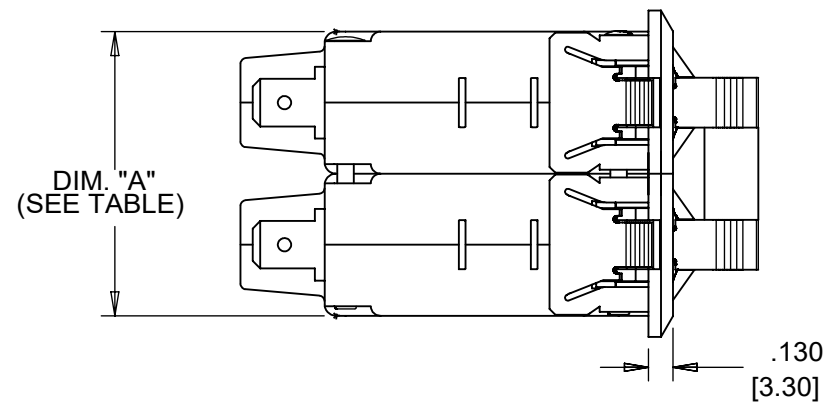
4	3.015 MAX. [76.58]
3	2.265 MAX. [57.53]
2	1.515 MAX. [38.48]
1	.750 MAX. [19.05]
NO. OF POLES	DIM. "A"

PANEL CUTOUT DETAIL
PANEL THICKNESS: (SEE TABLE)

4	3.040 ± 0.015 [77.22 ± 0.381]	2.180 ± 0.005 [55.37 ± 0.13]	2.186 ± 0.011 [55.52 ± 0.28]
3	2.290 ± 0.015 [58.17 ± 0.381]		
2	1.540 ± 0.015 [39.12 ± 0.381]		
1	.780 ± 0.015 [19.81 ± 0.381]		
NO. OF POLES	DIM. "B"	.040-.059 [1.02-1.50]	.060-.100 [1.52-2.54]
		PANEL THICKNESS	
		DIM. "C"	



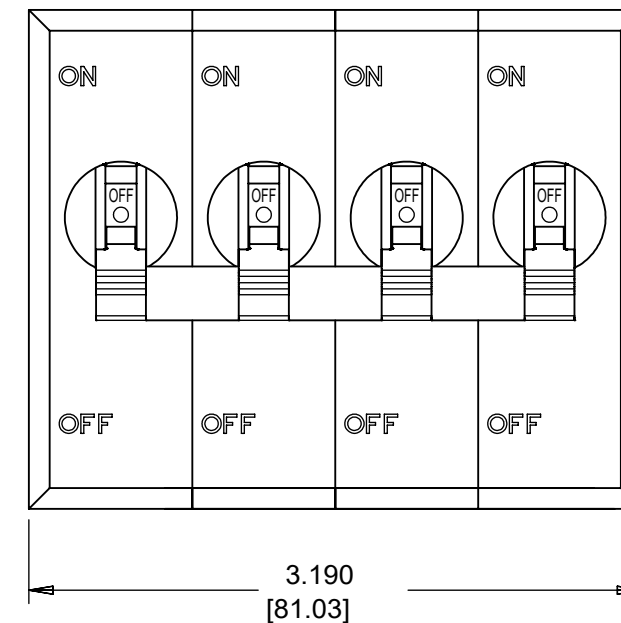
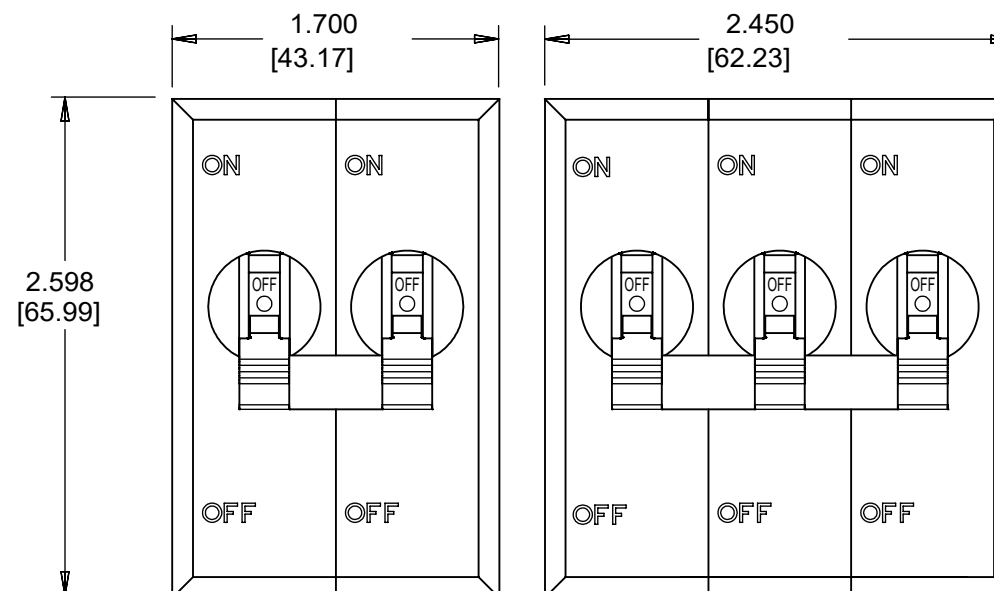
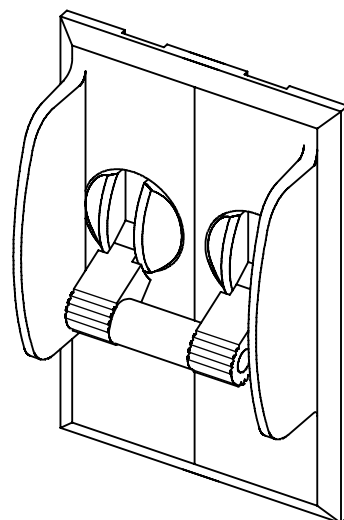
																							



4	3.015 MAX. [76.58]
3	2.265 MAX. [57.53]
2	1.515 MAX. [38.48]
NO. OF POLES	DIM. "A"

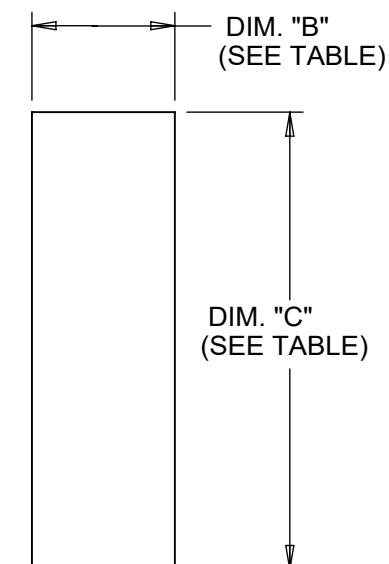
SNAP-IN MOUNTING FACE PLATE WITH HANDLE GUARDS

SNAP-IN MOUNTING FACE PLATES WITH INTEGRAL HANDLE GUARDS SHOWN AT RIGHT ARE DIMENSIONALLY IDENTICAL TO THOSE SHOWN ABOVE. CONSULT FACTORY FOR HANDLE GUARD OPTIONS AND ORDERING INFORMATION.

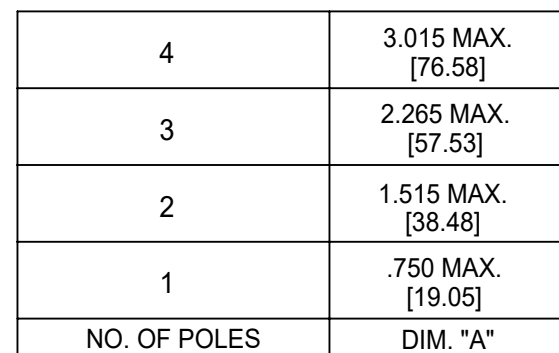
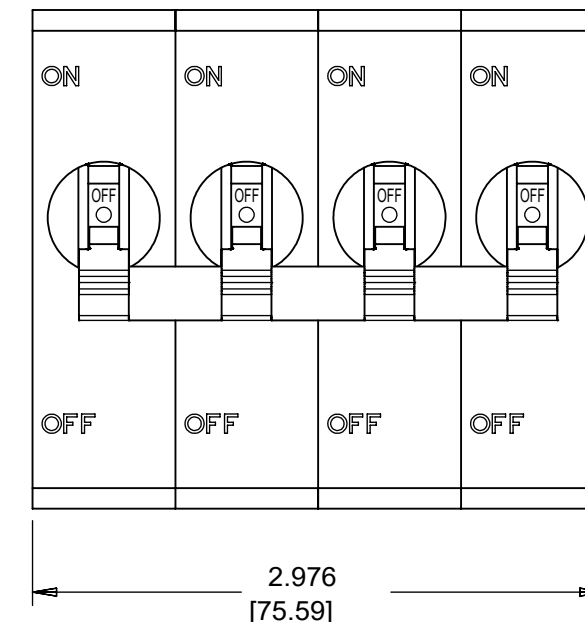
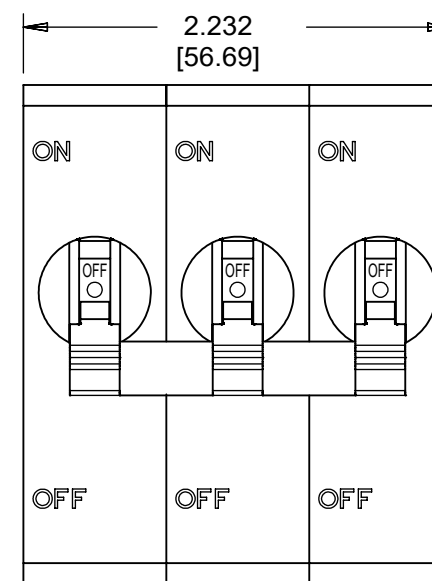
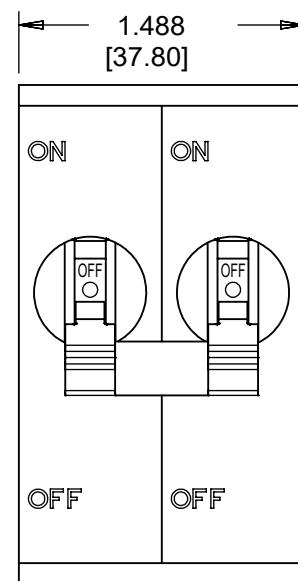
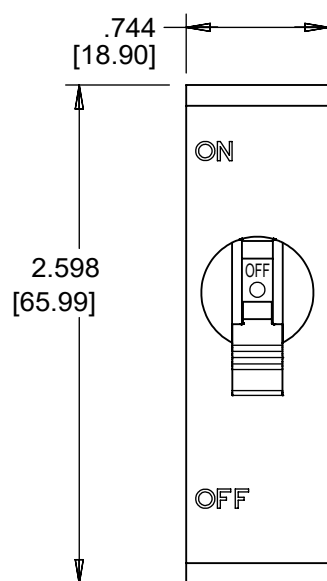


PANEL CUTOUT DETAIL
PANEL THICKNESS: (SEE TABLE)

4	3.040 ±.015 [77.22 ±0.381]	2.180 ±.005 [55.37 ±0.13]	2.186 ±.011 [55.52 ±0.28]
3	2.290 ±.015 [58.17 ±0.381]		
2	1.540 ±.015 [39.12 ±0.381]		
NO. OF POLES	DIM. "B"	.040-.059 [1.02-1.50]	.060-.100 [1.52-2.54]
		PANEL THICKNESS	
		DIM. "C"	





A line drawing showing a cable lock installed on a door handle. The lock body is mounted on the handle, and the cable is looped around the handle's base.

4	3.020 MIN. [76.71]	2.180 ±.005 [55.37±0.13]	2.186 ±.011 [55.52 ±0.28]
3	2.270 MIN. [57.66]		
2	1.520 MIN. [38.61]		
1	.755 MIN. [19.18]		
NO. OF POLES	DIM. "B"	.040-.059 [1.02-1.50]	.060-.100 [1.52-2.54]
		PANEL THICKNESS	
		DIM. "C"	

DIM. "B"
(SEE TABLE)

DIM. "C"
(SEE TABLE)

IAGHS/IUGHS/IEGHS
(OMIT "H" FOR SINGLE POLE)
(SEE SIXTH DECISION -S)

PC BOARD MOUNTABLE

WITHOUT AUX. SWITCH

WITH AUX. SWITCH

SHEET 13 OF 14

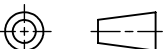


Technical drawing of a rectangular plate with dimensions and tolerances:

- Overall width: 1.525 ± 0.005 [38.14]
- Overall height: 1.525 ± 0.005 [38.14]
- Internal width dimension: $2X .150$ [3.81]
- Internal height dimension: $2X .150$ [3.81]
- Bottom edge feature: $6X \phi .073 \pm .003$ [1.85 $\pm$ 0.08]



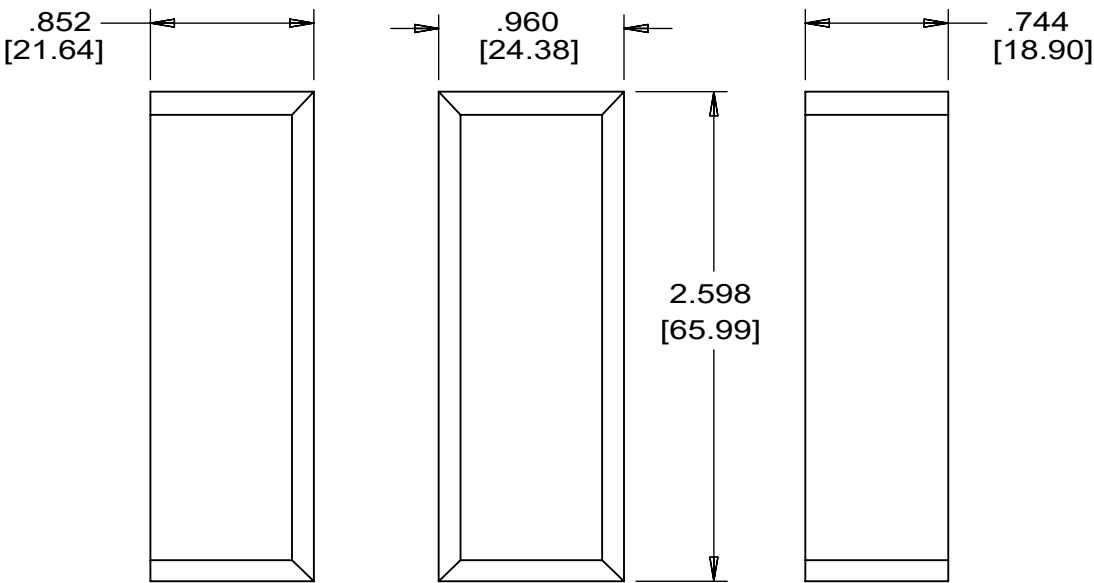
1. TO BE USED WITH AIRPAX IEG/IUG SERIES UNIT ONLY WITH 1/4" QUICK CONNECT TERMINALS.
2. 30 AMPS MAXIMUM.
3. THE SOCKET IS NOT TO BE USED AS A STRUCTURAL MOUNTING DEVICE, BREAKER MUST ALSO BE SECURED BY ADDITIONAL MOUNTING MEANS.
4. WHEN AUXILIARY SWITCH OPTION IS USED, THE AUXILIARY SWITCH TERMINALS MUST BE .187" WIDE (AIRPAX REC5 TYPE)

ACCESSORIES

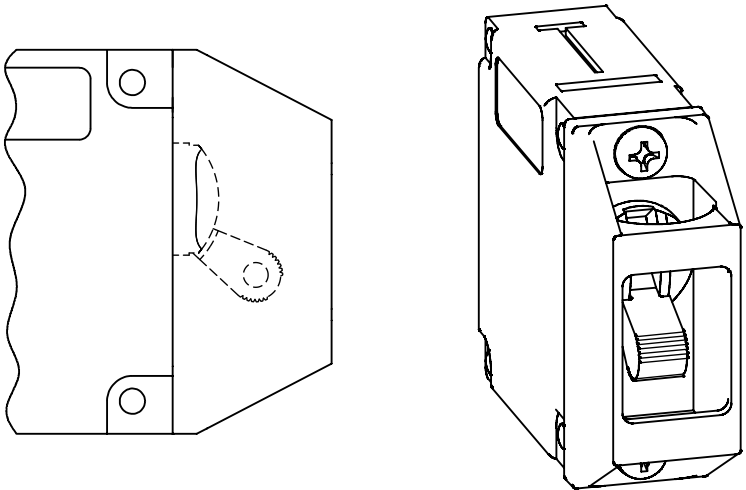
SNAP-IN PANEL PLUGS

SNAP-IN PANEL PLUGS ARE AVAILABLE FOR IECS SNAP-IN PANEL CUT-OUTS.



BEVELED ON ONE SIDE & BOTH ENDS P/N 762-200-8362
BEVELED ON BOTH SIDES & BOTH ENDS P/N 762-200-8360
BEVELED ON BOTH ENDS P/N 762-200-8361

HANDLE GUARD KIT

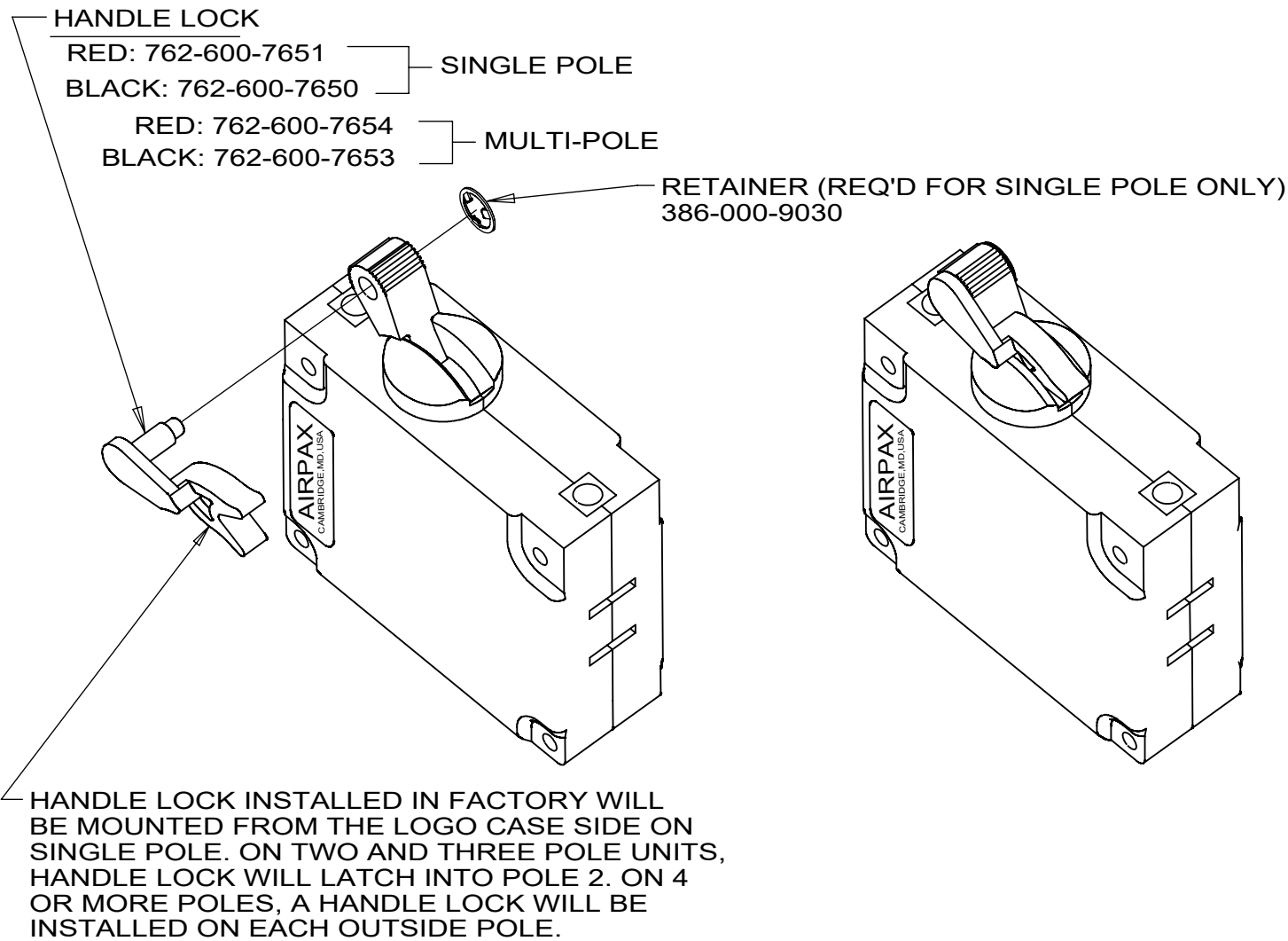


HANDLE GUARD KIT
(GUARD & MOUNTING SCREWS)
121-700-0060

CONSULT FACTORY FOR ORDERING INFORMATION.

HANDLE LOCK

A HANDLE LOCK OPTION IS AVAILABLE TO PREVENT ACCIDENTAL ACTUATION OF THE HANDLE. THE HANDLE LOCK MAY BE USED IN THE ON OR OFF POSITION. USE OF HANDLE LOCK ON BREAKERS WITH ALARM STYLE AUXILIARY SWITCHES (RS & RLS), MAY DEFEAT THE ALARM FEATURE ON ELECTRICAL TRIP. THIS OPTION IS AVAILABLE SEPARATELY OR PRE-ASSEMBLED (ON SINGLE POLE CONSTRUCTIONS ONLY). MULTI-POLE CONSTRUCTION WILL REQUIRE FACTORY INSTALLATION. CONSULT FACTORY FOR ORDERING INFORMATION.



FOR REFERENCE ONLY, CHECK LATEST REVISION BEFORE USE.
