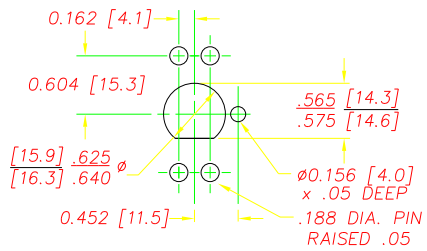
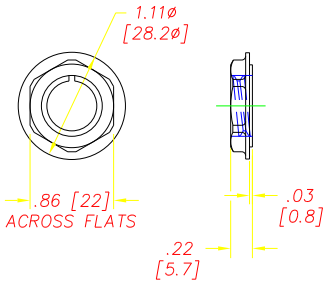
REVISIONS			
A	REVISED BACK COVER, CR 1018	08/15/97	TW
B	REVISED BACK COVER, CR 1046	9/17/97	JH
C	ADDED CONNECTOR STOP, CR1215	12/11/98	JH
D	REM'D CORE IN BACKCOVER, CR 1306	06/04/99	JH
E	UPDATED NOTE, MATERIAL IS BRONZE	7/13/99	ML
F	ADDED TAPER PER CR1334	9/9/99	JH
G	DEFINED CRITICAL CHARACTERISTICS	05/08/00	JH
H	DIM .62 [15.7] TO .60 [15.2], CN0554	09/09/02	JG
J	REMOVE CRITICAL DIM., CR 1477	06/02/03	JH

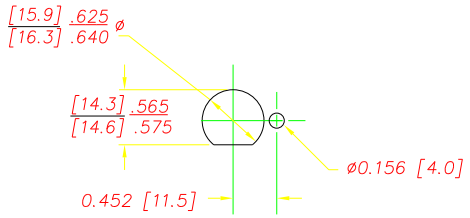
USE 2 REACTION PINS, TOP OR BOTTOM



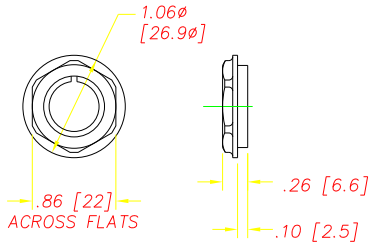
RECOMMENDED PLASTIC PANEL MOUNTING HOLE
(VIEW FROM BACK OF PANEL)



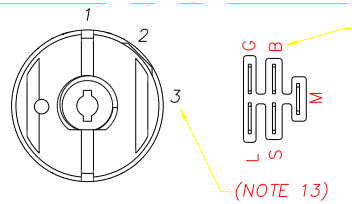
NUT DETAILS
(DSI P/N 9256)
PANEL THICKNESS RANGE .07 TO .19



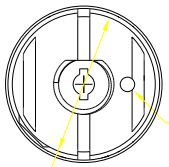
RECOMMENDED METAL PANEL MOUNTING HOLE
(VIEW FROM BACK OF PANEL)



NUT DETAILS
(DSI# 9252)
MATES WITH ACCURATE MOLD & DIE CO. BEZEL# 121
PANEL THICKNESS RANGE .05 TO .17



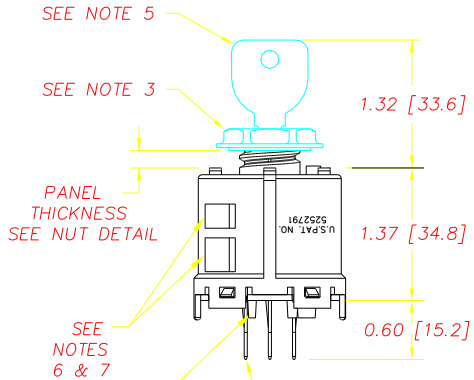
POSITION	ROTATION	FUNCTION	CONTACT
1	0°	OFF	G+M
2	45°	RUN	L+B
3	85°	START	S+B

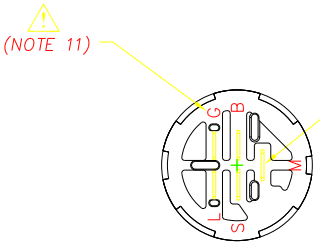


SEAL BETWEEN ROTATING SHAFT AND SWITCH HOUSING

ø.150 [3.81] x .045 HIGH PIN MAY BE PART OF SWITCH HOUSING (AS SHOWN) OR MAY BE ON SEPARATE WASHER, DELTA P/N 9260

ø1.48[37.6]





NOTES

1–DIM.'S IN BRACKET [] ARE IN MILLIMETERS; MILLIMETER TOLERANCES ARE .X± .5, .XX± .15.
2–PLASTIC PARTS ARE DELTON™ (BLACK). TERMINALS ARE BRONZE.
3–7/8 HEX NUT IS SHIPPED SEPARATELY.
4–RECOMMENDED ASSEMBLY TORQUE IS 26 IN–LBS TO 36 IN–LBS.
AUTOMATIC SHUTOFF TORQUE SCREWDRIVER MAXIMUM SPEED IS 300 RPM.
5–KEY IS SHIPPED SEPARATELY. MAXIMUM TORQUE FOR KEY IS 20 IN LBS.
USE DELTA KEY ONLY. DELTA STEEL KEY PART# 688S–STD.
6–SWITCH STYLE STAMPED ON HOUSING.
7–DATE CODE INDICATING YEAR, MONTH, AND DAY OF MONTH MANUFACTURED STAMPED ON HOUSING.
8–SWITCH ELECTRICAL FUNCTIONALITY TESTED AFTER ASSEMBLY.
9–ELECTRICAL RATING, CONTINUOUS: 20A @ 12–14 VDC.
ELECTRICAL LIFE: 5K CYCLES @ 10 AMPS INDUCTIVE.
10K CYCLES @ 5 AMPS INDUCTIVE.
50K CYCLES @ 5 AMPS RESISTIVE.
10–THIS PRODUCT COVERED BY THE FOLLOWING U.S. PATENT: 5,252,791.
OTHER PATENTS APPLIED FOR.
11–SWITCH SHOULD NEVER BE MOUNTED IN PANEL WITH THE "B" TERMINAL DIRECTLY ABOVE THE "G" TERMINAL, RELATIVE TO GRAVITY.
12–PULL FORCE TO DISLOCATE BACK COVER IS 80 LBS. MINIMUM.
13–POSITION 3 IS MOMENTARY.
14–ALL OTHER CONTACT COMBINATIONS ARE NOT ALLOWED.

DELTA SYSTEMS, INC. DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE MISAPPLICATION OF ANY PRODUCT

COMPUTER GENERATED DRAWING – NO MANUAL CHANGES ALLOWED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE: .XX± .02 .XXX± .005 ANG± 1°
DO NOT SCALE DRAWING

DRAWN	LMM	DATE 05/20/97
CHECKED	TW	DATE 05/23/97
MATERIAL	SEE NOTE 2	
FINISH	SEE NOTE 2	

DELTA SYSTEMS INC.
STREETSBORO, OHIO 44241

TITLE: IGNITION SWITCH 3 – POSITION

SIZE	DWG. NO.	
C	6850–31	
SCALE: FULL	PROJECT NO. EX311	REV J