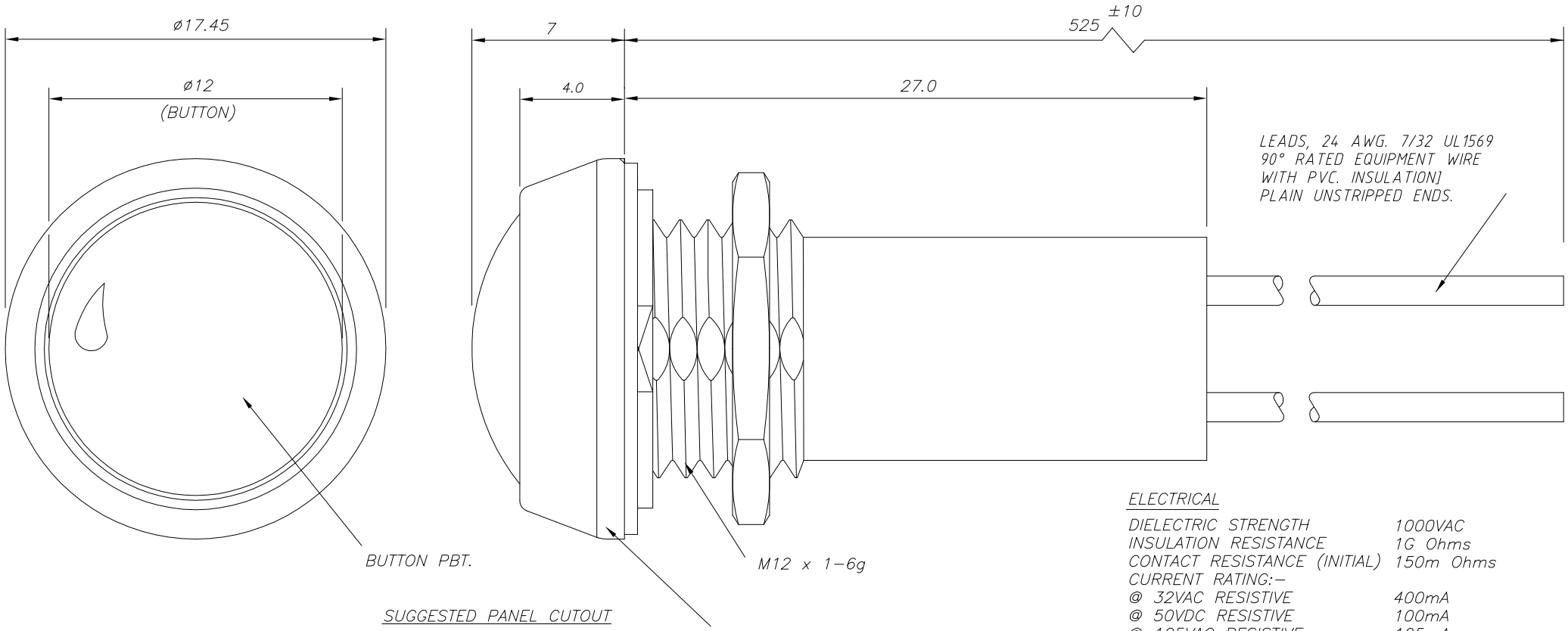
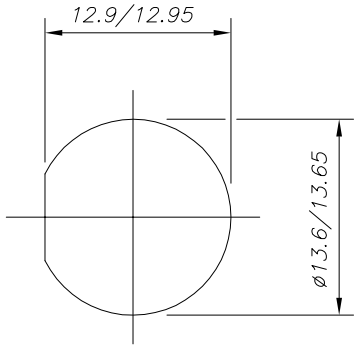
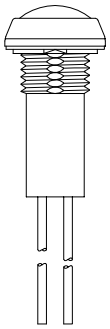
DRAWING No 59-900160-166 Sht.1	DO NOT SCALE	DIMENSIONS IN MILLIMETRES THIRD ANGLE PROJECTION	CAD SYSTEM: 1	CAD FILE NAME: c;\acad\59-59ILL\599160TB



SUGGESTED PANEL CUTOUT



ACTUAL SIZE



ITW PART No.	BUTTON COLOUR	RS STOCK NUMBER
59-900160	BLACK	265-0641
59-900161	RED	265-0629
59-900162	GREEN	265-0635

ITW PART No.	BUTTON COLOUR	RS STOCK NUMBER
59-900163	WHITE	265-XXXX
59-900164	YELLOW	265-XXXX
59-900165	BLUE	265-XXXX
59-900166	ORANGE	265-XXXX

ELECTRICAL

DIELECTRIC STRENGTH	1000VAC
INSULATION RESISTANCE	1G Ohms
CONTACT RESISTANCE (INITIAL)	150m Ohms
CURRENT RATING:-	
@ 32VAC RESISTIVE	400mA
@ 50VDC RESISTIVE	100mA
@ 125VAC RESISTIVE	125mA
LIFE (MINIMUM)	500,000 CYCLES
SWITCHING POWER (MAXIMUM)	16VA AC

MECHANICAL

TRAVEL (NOMINAL)	2.3mm
LIFE (MINIMUM)	1,000,000 CYCLES
OPERATING FORCE (NOMINAL)	3N
PANEL THICKNESS	1.5mm MIN. - 3mm MAX.

ENVIRONMENTAL & PHYSICAL

INGRESS PROTECTION	IP67
SHOCK	100G
OPERATING TEMP RANGE	-40°C TO +105°C
CONTACTS	GOLD PLATED-PALADIUM NICKEL

ISS	ECN	SIGN	DATE
A	86418	NJB	20.8.97
B	86418	BV	23.9.97
C	86990	BV	7.2.00
D	87661	BV	22.1.06

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STANDARD TOLERANCES
NO PLACE DEC. ±0.5
1 PLACE DEC. ±0.2
2 PLACE DEC. ±0.1
ANGULAR ±0.5°
UNLESS STATED OTHERWISE
SCALE: 5 : 1

MATERIAL

FINISH

DRAWN	DATE	SIGN	DATE
NJB	20.8.97		

TITLE 59 SERIES ROUND, RS. THREADED, BACK SEALED

DRAWING No 59-900160-166 sht.1 A3