

NEW

ILT Series Illuminated Toggle Switch

Features/Benefits

- **LED built in to toggle handle.** Save panel space instead of having an separate indicator light.
- **6 LED color options to choose from.** Easily determine if the switch is ON or Off from any distance.
- **Electrical ratings up to 20 Amps.** Suitable for high amp, industrial applications.
- **6.3 quick connect Terminals.** Easy installation. No soldering required.

Typical Applications

- **Telecommunications**
- **Instrumentation**
- **Medical equipment**



Specifications

RATINGS: 20A 12 VDC
CONTACT RESISTANCE: 50 mΩ max.
INSULATION RESISTANCE: 500V DC 1000MΩ min.
DIELECTRIC STRENGTH: 1 Minute 1500V AC
OPERATING TEMPERATURE: -25°C to +85°C
ELECTRICAL LIFE: 10,000 cycles

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. For additional options not shown in catalog, consult Customer Service Center.

	<div>I</div> <div>L</div> <div>T</div>	<div></div> <div></div>	
Series			LED Color
ILT			01 White LED
			02 Red LED
			03 Yellow LED
			04 Blue LED
			05 Green LED
			06 Purple LED



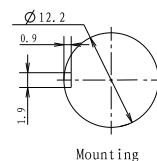
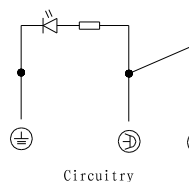
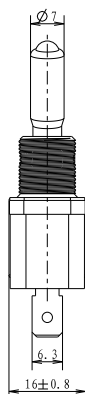
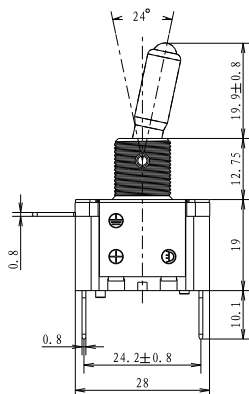
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Toggle

ILT Series Illuminated Toggle Switch

SWITCH FUNCTION

UL** MODEL NO.	SWITCH FUNCTION	
	POS. 1	POS. 2
	KEYWAY	KEYWAY
ILT01	ON	OFF
ILT02	ON	OFF
ILT03	ON	OFF
ILT04	ON	OFF
ILT05	ON	OFF
ILT06	ON	OFF



Selection Guide

Dice	Lens Type	Luminous intensity(mcd) @ 20mA			Viewing Angle
		Min.	Typ	Max.	
White	Water Clear	10000	--	12000	20
Red	Red Diffused	200	--	500	30
Yellow	Yellow Diffused	200	--	500	20
Blue	Water Clear	3000	--	5000	20
Green	Green Diffused	8000	--	10000	30
Purple	Water Clear	3000	--	5000	20

Note:

1. 1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

2. the above luminous intensity measurement allowance tolerance $\pm 15\%$

Electrical / Optical Characteristics at Ta=25° C

Parameter	Units	White	Red	Yellow	Blue	Green	Purple
Forward Voltage(VF)	V	2.8-3.6	2.0 Typ	2.0 Typ	2.8-3.6	3.0 Typ	2.8-3.6
Reverse Current(IR)	uA	10 Max.	10 Max.	10 Max.	10 Max.	10 Max.	10 Max.
Dominate Wavelength(λd)	nm	460-465	620-625	585-590	460-465	520-525	460-465

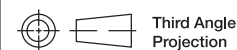
Absolute Maximum Ratings at Ta=25° C

Parameter	Units	White	Red	Yellow	Blue	Green	Purple
Power Dissipation(Pd)	mW	90	60	60	90	90	90
DC Forward Current(IF)	mA	20	20	20	20	20	20
Peak Forward Current [1](IFP)	mA	60	60	60	60	60	60
Reverse Voltage(VR)	V	5	5	5	5	5	5
Electrostatic Discharge (HBM ESD)	V	2000	2000	2000	2000	2000	2000
Operating Temperature(Topr)	° C	-40°+80					
Storage Temperature(Tstg)	° C	-40°+100					

Note:

1. 1/10 Dut cycle, 0.1ms pulse width.

2. The above forward voltage measure ment allowance tolerance $\pm 0.1V$.



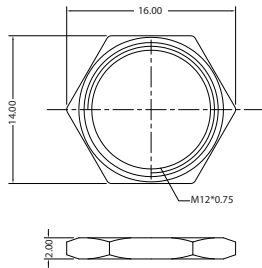
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

www.ckswitches.com

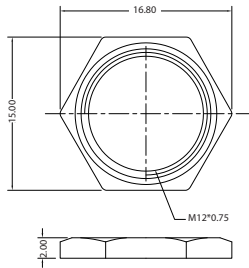
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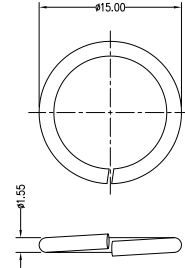
MOUNTING HARDWARE



PART NO.
G01101325 14MM HEX NUT



PART NO.
G01101326 15MM HEX NUT



PART NO.
G01101327 15MM WASHER

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

[ILT01](#) [ILT02](#) [ILT03](#) [ILT04](#) [ILT05](#) [ILT06](#)