

Short Form Switch Guide

NIKK
SWITCHES



NKK SWITCHES - The difference is in the switch.

Switch silhouettes shown at actual size unless noted.

Our commitment to excellence ensures each of our 3.5 million and counting switch options are designed with quality above all. A reliable, tactile feel to each switch solidifies your experience—a switch you can trust. Explore the widest range of electromechanical switches in the industry with free online 3D CAD models, more than 500,000 product variations, and custom products for specific applications.

Toggles

Series A	Series B IP65	Series B IP65 Illuminated	Series D2	Series G	Series G Illuminated	Series G3T SMT
PC Board						
EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 → +85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 → +85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 → +55°C	EC: 0.4VA max. 48V max. IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 → +70°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 → +85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 → +55°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 → +85°C










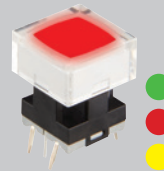
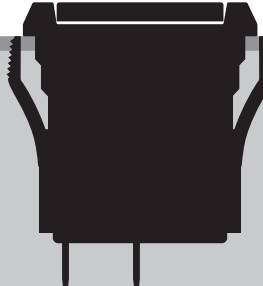


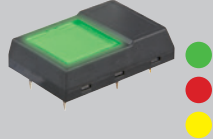

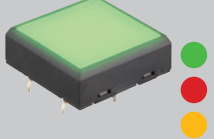




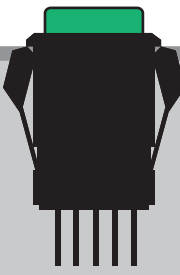
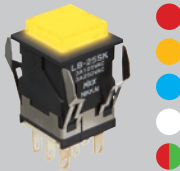


Pushbuttons

Series AB	Series BB	Series DB	Series EB
EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 → +85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 → +85°C	EC: 0.4VA max. 28V max. IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 → +70°C	EC: 0.4VA max. 28V max. IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 → +70°C








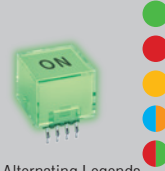


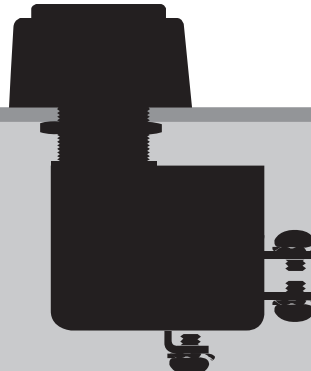









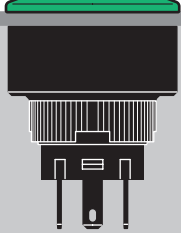
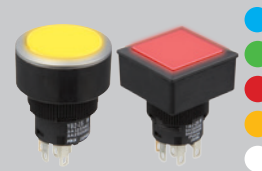
Series M IP67	Series M2100 Illuminated	Series M2T	Series P	Series S IP65	Series TL IP65 Illuminated	Series WT IP67
Waterproof Dual Seal Available						
EC: 0.4VA max. 28V max. 6A 125V AC 3 - 4A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 → +85°C	EC: 0.4VA max. 28V max. 6A 125V AC 3 - 4A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 → +55°C	EC: 0.4VA max. 28V max. 6A 125V AC 3 - 4A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 → +85°C	EC: 10A 125V AC 6A 250V AC IR: 1G Ω min. @ 500V DC DS: 2.0kV AC OTR: -10 → +85°C	EC: 5 - 50A 125V AC 2 - 30A 250V AC 5 - 50A 30V DC IR: 1G Ω min. @ 500V DC DS: 2.0kV AC OTR: -10 → +70°C	EC: 0.4VA max. 28V max. 6A 125V AC 3A 250V AC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 → +55°C	EC: 10A 125V AC 6A 250V AC 10A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.5kV AC OTR: -30 → +70°C

Series FB	Series FP01 Illuminated	Series GB	Series GB Illuminated
EC: 500mA 125V AC IR: 100M Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 → +70°C	Contactless Pushbutton (Photo interrupter) Input LED: IF 50mA, VR 5V Output Photoresistor: VCEO 30V, VECO 4.5V	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 → +85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 → +55°C

Pushbuttons

<p>Series GB2</p>  <p>EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 70°C</p> 	<p>Series G3B SMT</p>  <p>EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 ~+ 85°C</p> 	<p>Series HB Illuminated & Nonilluminated</p>  <p>EC: 0.1A 30V AC/DC IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 50°C</p> 	<p>Series HB2 Illuminated</p>  <p>EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 50°C</p> 	<p>Series JB Illuminated</p>  <p>EC: 50mA 24V DC IR: 500M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 70°C</p> 	<p>Series JP</p>  <p>EC: JPM: AC 10A 125V (TV-5) JPL: AC 16A 125V (TV-8) IR: 1G Ω min. @ 500V DC DS: 2.0kV AC OTR: -10 ~+ 70°C</p> 	<p>Series JF Illuminated & Nonilluminated</p>  <p>EC: 50mA 24V DC IR: 500M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 70°C</p> 	<p>Series JL Illuminated</p>  <p>EC: 50mA 24V DC IR: 500M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 50°C</p> 	<p>Series KB Illuminated</p>  <p>EC: 0.4VA max. 28V max. 1A 125V AC 1A 30V DC IR: 1G Ω min. @ 500V DC DS: 0.75kV AC OTR: -25 ~+ 50°C</p> 	<p>Series KP Illuminated</p>  <p>EC: 100mA 12V DC. IR: 100M Ω min. @ 250V DC DS: 1.0kV AC OTR: -25 ~+ 50°C</p> 	<p>Series LB Illuminated & Nonilluminated IP65 IP60</p>  <p>EC: 0.4VA max. 28V max. 3A 125V AC 3A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.0kV AC OTR: -25 ~+ 50°C</p> 	<p>Series LP01 Illuminated & Nonilluminated</p>  <p>EC: 3A 125V AC 3A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 ~+ 50°C</p> 
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Alternating Legends

<p>Series M2B</p>  <p>EC: 0.4VA max. 28V max. 1A 125V AC 1A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C</p> 	<p>Series MB2000 IP67 IP65</p>  <p>EC: 0.4VA max. 28V max. 6A 125V AC 3A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C</p> 	<p>Series MB2400</p>  <p>EC: 3A @ 125V AC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C</p> 	<p>Series NP01 Illuminated & Nonilluminated</p>  <p>EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 250V AC OTR: -25 ~+ 50°C</p> 	<p>Series SB</p>  <p>EC: 3 ~ 15A 125V AC 1.5A ~ 9A 250V AC IR: 200M ~ 1 G Ω min. @ 500V DC DS: 1.5 ~ 2.0kV AC OTR: -10 ~+ 70°C</p> 	<p>Series SCB</p>  <p>EC: 15A & ½HP @ 125 or 250V AC IR: 100M Ω min. @ 500V DC DS: 1.0/1.5kV AC OTR: -40 ~+ 85°C</p> 	<p>Series UB Illuminated & Nonilluminated</p>  <p>EC: 0.4VA max. 28V max. 5A 125V AC 5A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.0kV AC OTR: -25 ~+ 50°C</p> 	<p>Series UB2 Illuminated & Nonilluminated</p>  <p>EC: 0.4VA max. 28V max. 5A 125V AC 5A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.0kV AC OTR: -25 ~+ 50°C</p> 	<p>Series WB IP67 IP67</p>  <p>EC: 6A 125V AC, 6A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.5kV AC OTR: -30 ~+ 70°C</p> 	<p>Series YB IP65 Illuminated & Nonilluminated</p>  <p>EC: 0.4VA max. 28V max. 3A 125V/250V AC 3A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.0kV/1.5kV AC OTR: -25 ~+ 50°C</p> 	<p>Series YB2 Illuminated & Nonilluminated</p>  <p>EC: 3A @ 125V/250V AC 3A 30V DC 0.4VA max. 28V max. IR: 200M Ω min. @ 500V DC DS: 1.0kV/1.5kV AC OTR: -25 ~+ 50°C</p> 
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Alternating Legends

Alternating Legends

Alternating Legends

Rockers

Series A	Series CWSA	Series CWSB Illuminated	Series CWSC Illuminated	Series G	Series GW	Series GW Illuminated	Series JW IP67	Series JWS Illuminated & Nonilluminated	Series LW Illuminated & Nonilluminated	Series M
EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 ~+ 85°C	EC: 6A 250V AC IR: 500M Ω min. @ 500V DC DS: 1.5kV AC OTR: -10 ~+ 70°C	EC: 9A 125V AC IR: 500M Ω min. @ 500V DC DS: 1.5kV AC OTR: -20 ~+ 85°C	EC: 6A 250V AC, 9A 125V AC IR: 500M Ω min. @ 500V DC DS: 1.5kV AC OTR: -10 ~+ 50°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 ~+ 85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 55°C	EC: JW-M: AC 10A 125V (TV-5) JW-L: AC 16A 125V (TV-8) IR: 1G Ω min. @ 500V DC DS: 2.0kV AC OTR: -25 ~+ 70°C	EC: 10A 125V AC IR: 500M Ω min. @ 500V DC DS: 2.0kV AC OTR: -25 ~+ 50°C	EC: 10A 125V AC IR: 200M Ω min. @ 500V DC DS: 1.5kV AC OTR: -20 ~+ 50°C	EC: 0.4VA max. 28V max. 6A 125V AC, 3 - 4A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C

Series M2100 Illuminated	Series M2T	Series MLW Illuminated & Nonilluminated	Series P	Series SW	Series WR IP67
EC: 0.4VA max. 28V max. 6A 125V AC, 3 - 4A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 ~+ 55°C	EC: 0.4VA max. 28V max. 6A 125V AC, 3 - 4A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C	EC: 5A 125V, 3A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 ~+ 50°C	EC: 10A 125V AC, 6A 250V AC IR: 1G Ω min. @ 500V DC DS: 2.0kV AC OTR: -10 ~+ 85°C	EC: 15 - 30A 125V AC 15 - 30A 30V DC IR: 1G Ω min. @ 500V DC DS: 2.0kV AC OTR: -10 ~+ 70°C	EC: 15A 125V AC, 15A 30V DC IR: 200M Ω min. @ 500V DC DS: 1.25kV AC OTR: -25 ~+ 85°C

Tactiles

Series CB	Series CB3 SMT	Series HP02	Series HP03 SMT	Series JB	Series JF
EC: 50mA 24V DC IR: 100M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 70°C	EC: 50mA 24V DC IR: 100M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 70°C	EC: 0.4VA max. 28V AC/DC 3VA max. 28V DC IR: 100M Ω min. @ 100V DC DS: 250V AC OTR: -20 ~+ 70°C	EC: 0.4VA max. 28V AC/DC 3VA max. 28V DC IR: 100M Ω min. @ 100V DC DS: 250V AC OTR: -20 ~+ 70°C	EC: 50mA 24V DC, IR: 500M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 70°C	EC: 50mA 24V DC IR: 500M Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 85°C

SmartSwitch Programmable OLED/LCD

Series IS Frameless OLED Pushbutton	Series IS OLED Pushbutton	Series IS OLED Display	Series IS IP64 OLED Rocker	Series IS LCD 64x32 Pushbutton Wide View	Series IS LCD 64x32 Pushbutton Wide View	Series IS LCD 64x32 Compact Pushbutton Wide View	Series IS LCD 64x32 Display Wide View	Series IS LCD 36x24 Pushbutton Wide View	Series IS LCD 36x24 Compact Pushbutton Wide View	Series IS LCD 36x24 Display Wide View
96 RGB x 64 pixels EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -20 ~+ 70°C	64 RGB x 48 pixels EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -20 ~+ 70°C	52 RGB x 36 pixels OTR: -20 ~+ 70°C	96 x 64 pixels EC: 3VA max. DC IR: 500M Ω min. @ 250V DC DS: 250V AC OTR: -20 ~+ 70°C	Short Travel 1.8 mm (.071")	Long Travel 4.5 mm (.177")					
				EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -15 ~+ 50°C	EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -15 ~+ 50°C	EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -15 ~+ 50°C	OTR: -15 ~+ 50°C	EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -20 ~+ 60°C	EC: 100mA 12V DC IR: 100M Ω min. @ 100V DC DS: 125V AC OTR: -20 ~+ 60°C	OTR: -20 ~+ 60°C

Sockets for Series IS

AT9704-02YC Socket for LCD 36 x 24 Single & Bicolor Pushbutton Base: Glass fiber reinforced PBT Terminals: Brass / beryllium copper Series: SmartSwitch	AT9704-065E Socket for LCD 36 x 24 RGB Pushbutton Base: Glass fiber reinforced PBT Terminals: Brass / beryllium copper Series: SmartSwitch	AT9704-065F Socket for LCD 36 x 24 Compact Pushbutton Base: Glass fiber reinforced PBT Terminals: Brass / beryllium copper Series: SmartSwitch
AT9704-085K Socket for LCD 64 x 32 Pushbutton Base: Glass fiber reinforced PBT Terminals: Brass / beryllium copper Series: SmartSwitch	AT9704-085L Socket for OLED 64 x 48 Pushbutton Base: Glass fiber reinforced PBT Terminals: Brass / beryllium copper Series: SmartSwitch	AT9704-085M Socket for OLED 52 x 36 Display Base: Glass fiber reinforced PBT Terminals: Brass / beryllium copper Series: SmartSwitch

Keylocks

Series CK	Series SK
EC: 3A 250V AC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -25 ~+ 70°C	EC: 0.4VA max. 28V max. 3A 125V AC IR: 1G Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 70°C

Tilt Switches

Series DS A Type	Series DS B Type
EC: 0.1A 12V DC IR: 50M Ω min. @ 250V DC DS: 250V AC OTR: -10 ~+ 70°C	Photointerrupter Inside. [Input] IF 50mA, VR 5V [Output] Photo Transistor VCEO 30V, VECO 3V OTR: -25 ~+ 80°C

Touch Screen & Membranes

Series FM	Series FT
Scale: 1/5	Scale: 1/7
Power Level: 20mA 24V DC IR: 100M Ω min. @ 250V DC DS: 250V AC OTR: -15 ~+ 50°C	Power Level: 5.5V DC IR: 10M Ω min. @ 25V DC OTR: -20 ~+ 70°C






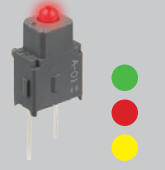
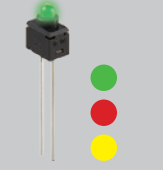

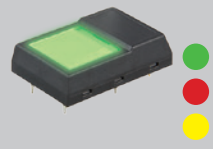

Slides




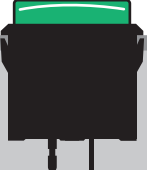






Series AS	Series CS	Series FS	Series JS01	Series JS02 SMT	Series JS03	Series JS04 SMT	Series MS	Series MS Illuminated	Series SM	Series SS Illuminated & Nonilluminated	Series SS3 SMT
EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC OTR: -30 ~+ 85°C	EC: 3A 125V AC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C	EC: 0.4VA max. 28V max. IR: 500M Ω min. @ 500V DC DS: 500V AC Insertion loss 0.5db @ 1GHz Isolation 40db @ 1GHz OTR: -30 ~+ 85°C	EC: 25mA 24V DC IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 70°C	EC: 25mA 24V DC IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -20 ~+ 70°C	EC: 25mA 24V DC IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 70°C	EC: 25mA 24V DC IR: 100M Ω min. @ 100V DC DS: 300V AC OTR: -30 ~+ 85°C	EC: 0.4VA max. 28V max. 6A 125V AC, 3A 250V AC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -30 ~+ 85°C	EC: 6A 125V AC, 3A 30V DC IR: 1G Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 ~+ 55°C	EC: 0.5A 12V max. 1mA 10mV min. IR: 1G Ω min. @ 500V DC DS: 500V AC OTR: -40 ~+ 85°C	EC: 0.4VA max. 28V max. 0.1A 30V DC IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -15 ~+ 60°C	EC: 0.4VA max. 28V max. 0.1mA ~ 0.1A @ 20mV ~ 28V IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -25 ~+ 85°C

Rotaries

Series FR01	Series FR02 SMT	Series HS	Series MR	Series MRB	Series ND	Series ND3 SMT	Series PS	Series TS
EC: 100mA 5V DC IR: 1G Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 85°C	EC: 100mA 5V DC IR: 1G Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 85°C	EC: 6 ~ 12A 125V AC IR: 200M Ω min. @ 500V DC DS: 1.5kV AC OTR: -10 ~+ 70°C	EC For MRA: 250mA 125V AC EC For MRF or MRK: 0.4VA max @ 38V IR: 100M Ω min. @ 500V DC DS: 1.0kV AC OTR: -10 ~+ 70°C	EC: 0.4VA max. 28V max. IR: 100M Ω min. @ 500V DC DS: 500V AC OTR: -10 ~+ 70°C	EC: 100mA 5V DC IR: 1G Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 75°C	EC: 100mA 5V DC IR: 1G Ω min. @ 250V DC DS: 250V AC OTR: -25 ~+ 85°C	EC: 30A 125V AC IR: 200M Ω min. @ 500V DC DS: 1.5kV AC OTR: -10 ~+ 70°C	EC: 6A 125V AC IR: 200M Ω min. @ 500V DC DS: 1.5kV AC OTR: -10 ~+ 70°C

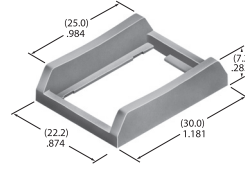
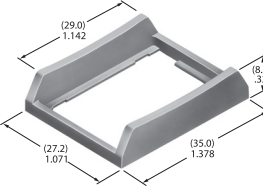
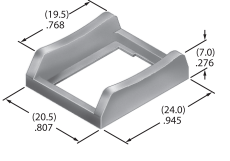
Indicators

<p>Series A</p> 	<p>Series G</p> 	<p>Series HB</p> 	<p>Series JF</p> 	<p>Series KB</p> 
<p>Complement to A switches LED color: Red, Yellow, Green</p> 	<p>Complement to G switches LED color: Red, Yellow, Green</p> 	<p>Complement to HB switches Round / Square LED color: Red, Amber, Green, White, Blue</p> 	<p>Complement to JF switches Square LED color: Red, Yellow, Green</p> 	<p>Complement to KB switches Round / Square / Rectangular LED color: Red, Yellow, Green, White, Blue</p> 

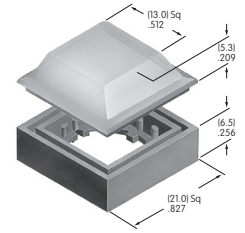
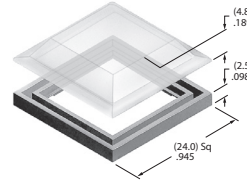
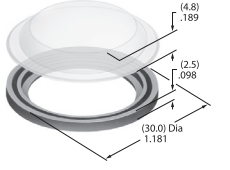
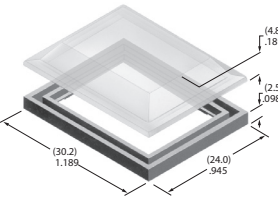
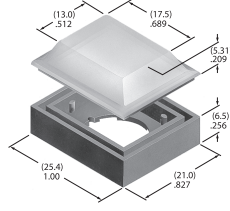
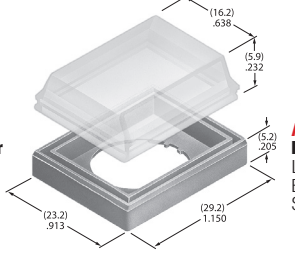
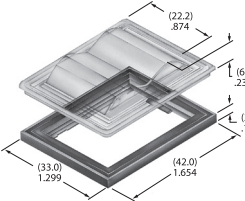
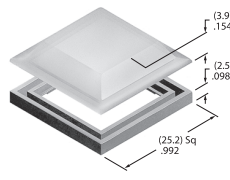
<p>Series LB</p> 	<p>Series P01</p> 	<p>Series UB</p> 	<p>Series UB2</p> 	<p>Series YB IP65</p> 
<p>Complement to LB switches Round / Square / Rectangular LED color: Red, Amber, Green, White, Blue</p> 	<p>Complement to MLW Rockers Square LED color: Red, Yellow, Green, White, Blue, Orange</p> <p>Cap Colors</p> 	<p>Complement to UB switches Square / Rectangular LED color: Red, Amber, Green, White, Blue Bicolor: Red / Green, Amber / Blue</p> <p>Alternating Legends</p> 	<p>Complement to UB2 switches Square LED color: Red, Amber, Green, White, Blue Bicolor: Red / Green, Amber / Blue</p> <p>Alternating Legends</p> 	<p>Complement to YB switches Round / Square / Rectangular LED color: Red, Amber, Green, White, Blue Bicolor: Red / Green</p> 

Accessories

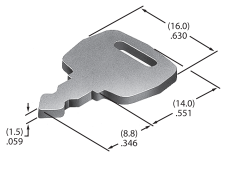
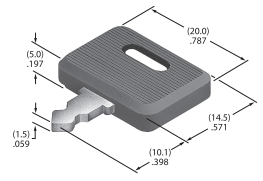
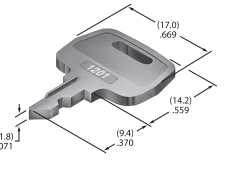
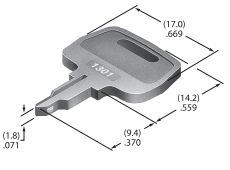
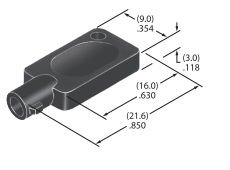
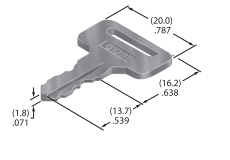
Barriers

 <p>AT217 Barrier Polyamide Colors: Black, White, Gray Series: JWM</p>	 <p>AT218 Barrier Polyamide Colors: Black, White, Gray Series: JWL</p>	 <p>AT219 Barrier Polyamide Colors: Black, White, Gray Series: JWS</p>
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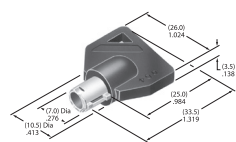
Dust Covers

 <p>AT495 Square Dust Cover Lid: Polyvinyl chloride Base: Polyamide Series: KB</p>	 <p>AT4001 Square Dust Cover Lid: Polyvinyl chloride Gasket: Polyethylene Series: LB UB</p>	 <p>AT4002 Round Dust Cover Lid: Polyvinyl chloride Gasket: Polyethylene Series: LB</p>
 <p>AT4011 Rectangular Dust Cover Lid: Polyvinyl chloride Gasket: Polyethylene Series: LB UB</p>	 <p>AT4025 Rectangular Dust Cover Lid: Polyvinyl chloride Base: Polyamide Series: KB</p>	 <p>AT4115 Rectangular Dust Cover Lid: Polyvinyl chloride Base: Polyamide Series: YB</p>
 <p>AT4126 Rectangular Dust Cover Polyvinyl chloride & polyamide Color: Black Series: JWL</p>	 <p>AT4145 Square Dust Cover Lid: PVC Gasket: Polyethylene Series: UB2</p>	

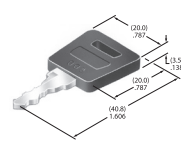
Keys

 <p>AT4079 Actuator Key Brass alloy with bright nickel plating Series: SK</p>	 <p>AT4080 Actuator Key Brass alloy with bright nickel plating Antistatic ABS resin handle Color: Black Series: SK</p>	 <p>AT4081 Actuator Key Zinc alloy with chrome plating Series: SK</p>
 <p>AT4082 Actuator Key Zinc alloy with chrome plating Series: SK</p>	 <p>AT4094 Actuator Key Polyacetal Color: Black Series: SK</p>	 <p>AT4124 Actuator Key Brass with nickel plating Series: SK</p>

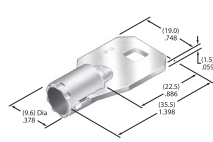
Keys



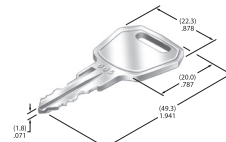
**AT4146
Tubular Key**
Brass with
nickel plating
ABS handle
Color: Black
Series: CKM



**AT4147
Flat Key**
Brass with
nickel plating
ABS handle
Color: Black
Series: CKM

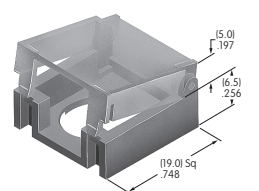


**AT4152
Tubular Key**
Brass with
nickel plating
Series: CKL

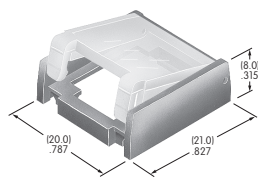


**AT4153
Flat Key**
Brass with
chrome plating
Series: CKL

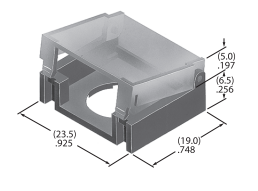
Protective Guards



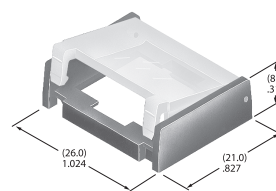
**AT494
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Series: KB



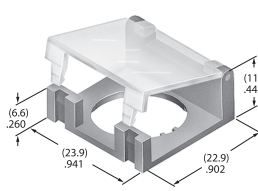
**AT499
Protective Guard**
for Square
Cover: Polycarbonate
Base: Polyamide
Series: LB



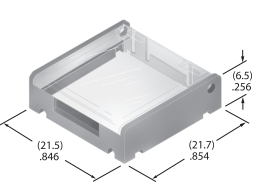
**AT4024
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Series: KB



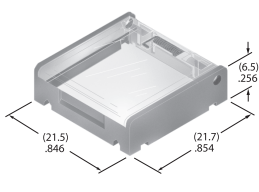
**AT4057
Protective Guard**
Polycarbonate
Series: LB



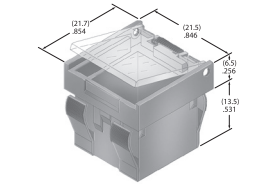
**AT4072
Protective Guard**
Lid: Polycarbonate
Base: Glass fiber
reinforced polycarbonate
Series: YB



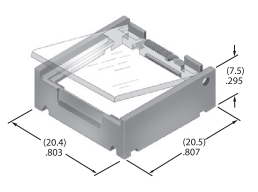
**AT4141
Protective Guard**
Cover: Polycarbonate
Base: GFR polyamide
Series: UB2



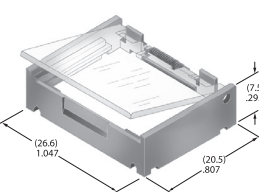
**AT4142
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: GFR polyamide
Coil spring: Stainless steel
Series: UB2



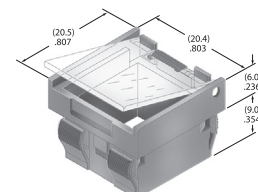
**AT4170
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB2



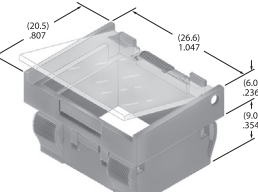
**AT4171
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: LB UB



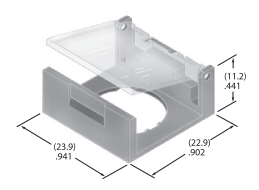
**AT4172
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: LB UB



**AT4173
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB

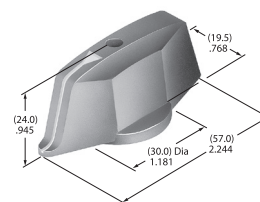


**AT4174
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: Polyamide
Coil spring: Stainless steel
Series: UB

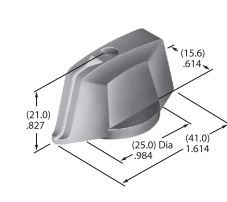


**AT4175
Spring Loaded
Protective Guard**
Cover: Polycarbonate
Base: Glass fiber reinforced polyamide
Coil spring: Stainless steel
Series: YB

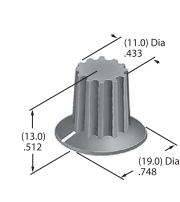
Rotary Knobs



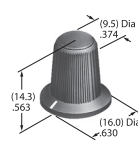
**AT431
Large Rotary Knob**
Phenolic resin
Color: Black
Series: HS PS TS



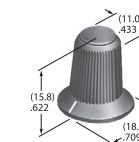
**AT432
Small Rotary Knob**
Phenolic resin
Color: Black
Series: HS PS TS



**AT433
Knob for Miniature Rotaries**
Polyacetal
Color: Black
Series: FR01 MR



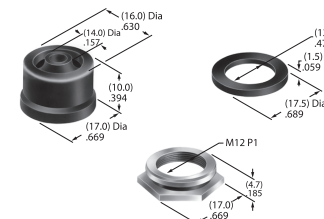
**AT4103
Small Color Tipped Knob**
Polyester with polyamide tip
Base Color: Black
Tip Colors: Black, White, Red,
Yellow, Green, Blue, Gray
Series: FR01 MR



**AT4104
Large Color Tipped Knob**
Polyester with polyamide tip
Base Color: Black
Tip Colors: Black, White, Red,
Yellow, Green, Blue, Gray
Series: FR01 MR

Splashproof Rubber Boots

**AT401A/H/S
Splashproof Boot Assembly**
Hex Nut Material & Finish:
Nickel plated brass
O-ring Material:
Nitrile butadiene rubber
Series: M P S WT



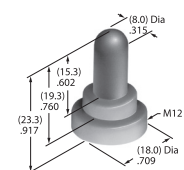
AT401A for Oil Resistance
Boot Material: Black nitrile butadiene rubber

AT401H for Dust & Ozone Resistance
Boot Material: Gray ethylene propylene rubber

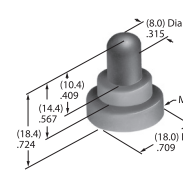
AT401S for Flexibility, Resilience, and Tensile Strength over Wide Temperature Range
Boot Material: Black silicone rubber



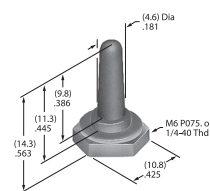
**AT401P
O-ring**
Nitrile butadiene rubber
Series: M MB20 TL WB WT



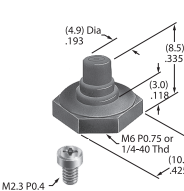
**AT402
Splashproof Boot**
Silicon rubber for Black, Red,
Yellow, Green
Ethylene propylene rubber for Gray
Colors: Black, Red, Yellow,
Green, Gray
Series: M P S



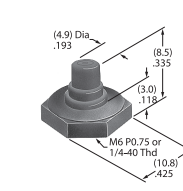
**AT402S
Splashproof Boot**
Silicon rubber
Color: Black
Series: M



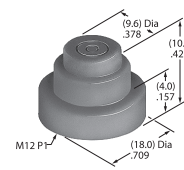
**AT428
(M-metric H-inch)
Splashproof Boot**
Silicone rubber
Color: Black
Series: D2 M P



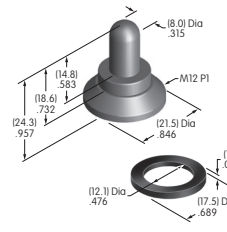
**AT4041
(M-metric H-inch)
Splashproof Boot**
for Momentary
Black silicone rubber
Series: MB



**AT4042
(M-metric H-inch)
Splashproof Boot**
for Alternate
Black silicone rubber
Series: MB



**AT4043
Splashproof Boot**
Black silicone rubber
Series: MB SB WB



**AT4181
Splashproof Boot Assembly**
Boot Material: Black silicon rubber
Hex Nut Material & Finish:
Nickel plated brass
O-ring Material:
Nitrile butadiene rubber
Series: M P S WT

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