

TECHNICAL INFORMATION

Description

The Sure Grip "SU" Series Control Grip is a low cost compact handle designed for simple applications that require few switches.

The "SU" handle is configurable with all the Sure Grip Handle Options such as; slider modules, rocker modules, micro joystick, LED's, toggle switches and more. It also offers accessories such as bushing adapters, studs, sealed connectors and more. (Please refer to Handle Accessories on our website.)

The cases are molded from a high impact plastic polymer into a comfortable shape for a rugged and lightweight control handle for extreme duty applications. The standard Sure Grip switches are covered with our patented overlay design.

Standard configurations are available for next day shipping (please contact factory for details).

Features

- ► Sealing up to IP67
- ► Rugged design
- ► Overlay customizable
- ► Switch tested to 10 million operations
- ► Multiple trigger options available
- ► Supports 1 Microjoystick
- ► Supports 1 Slider or Rocker Module
- ► Supports up to 2 faceplate switches



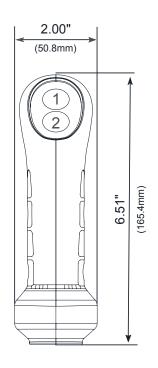
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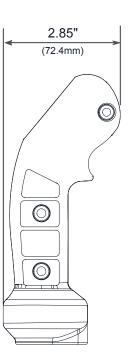
MOMENTARY SWITCH S	PECIFICATION	IS.				
Switch Options:			oltage	age Operating Temp		
Unsealed Standard - IP40	3 A	3	30 Vdc		-25°C to +85°C	
Sealed Switch - IP67	1 A	3	O Vdc	-40°C to +85°C		
Unsealed Gold contact - IP40	100 mA		Vdc -		-25°C to +85°C	
Sealed Gold Switch - IP67	100 mA) Vdc		-40°C to +85°C	
MAINTAINED SWITCH SE	PECIFICATION	S				
Switch Options:	Load	Load Vol		age Operating Tem		
Push Button	3 A	3 A 30 V		-30°C to +85°C		
TOGGLE SWITCH SPECI	FICATIONS				\	
Switch Options:	Load	V	Voltage		Operating Temp	
Toggle Switches	3 A	3	30 Vdc		-30°C to +85°C	
Functions	On-	On / On-Off-On / Mom-Off-Mom / On-Off-Mom				
LED SPECIFICATIONS						
LED Options:	Load	Voltage		Operating Temp		
LED	20 mA	5, 12	5, 12, 24 Vdc		-40°C to +85°C	
Colours Available	Red / Green / Tri-colour (R/Y/G)					
CABLE SPECIFICATIONS	6					
Cable Options:	WR-09B	WR-10B	WR-138	3	WR-15B	
Conductor	9	10	13		15	
Material	Tinned Copper	Tinned Copper	Tinned Cop	oper	Tinned Copper	
Strand	19 Twisted	7 Twisted	19 Twiste	ed	7 Twisted	
AWG	20	22	22		22	
Insulation	SR-PVC	SR-PVC	SR-PV(SR-PVC	
Outer Jacket	PVC FT4	PVC FT4	PVC FT	4	PVC FT4	
Operating Temperature	-40°C to +105°C	-40°C to +105°C	-40°C to +1	05°C	-40°C to +105°C	



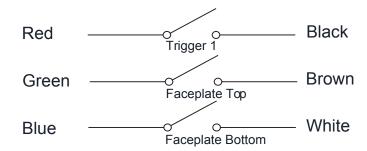
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Dimensions





Typical Wiring

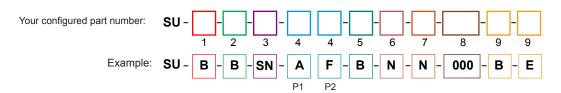


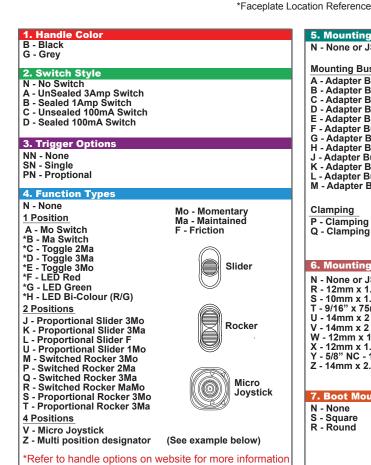


ORDERING GUIDE

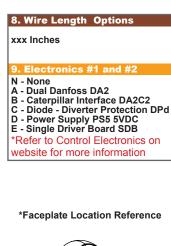
Order Instructions:

- 1. Each box has a color and number, which corresponds to handle options below. Please review each option, as this will help you with choosing your part number. (Refer to our technical guides for more information on product options)
- 2. If a desired handle option is not available contact a sales representative to discuss if there are alternative solutions for your application.
- 3. Enter your configured part number in the empty boxes provided below and contact a friendly Sure Grip sales representative to place your order.





5. Mounting Options N - None or JSM/JSL installed **Mounting Bushing** A - Adapter Bushing - 1/4" Hole B - Adapter Bushing - 10mm x 1.5 C - Adapter Bushing - 10mm Set Screws D - Adapter Bushing - 12mm x 1.25 - Adapter Bushing - 12mm x 1.5 F - Adapter Bushing - 12mm x 1.75 G - Adapter Bushing - 14mm x 2 H - Adapter Bushing - 5/8" NC J - Adapter Bushing - 14mm x 1.5 K - Adapter Bushing - 3/8" NC L - Adapter Bushing - 1/2" NC M - Adapter Bushing - 9/16" NC P - Clamping Bushing 12mm Q - Clamping Bushing 14mm 6. Mounting Studs N - None or JSM/JSL installed R - 12mm x 1.75 x 40mm socket Set Srew S - 10mm x 1.5 x 40mm Straight Stud T - 9/16" x 75mm wire exit, Straight Stud U - 14mm x 2 x 50mm Bend Stud @ 22 degrees V - 14mm x 2 Bend Stud @ 28 degrees W - 12mm x 1.75 x 40mm, Bent Stud X - 12mm x 1.75 x 70mm, Drilled Bent Stud Y - 5/8" NC - 14mm x 85mm wire exit, Bent Stud - 14mm x 2.0 x 40mm Straight Stud 7. Boot Mounting





Comment Section

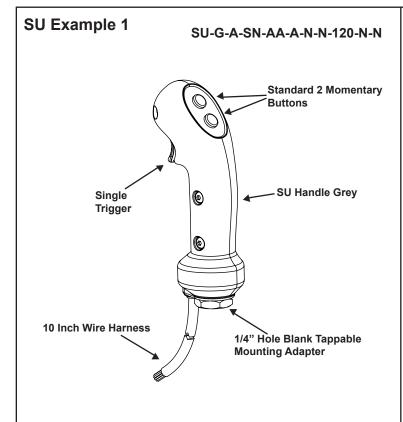
N - None

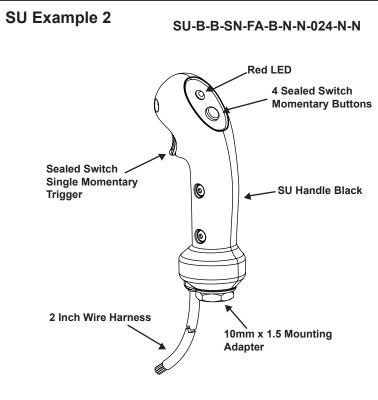
- Square R - Round

Specifications are subject to change without notice

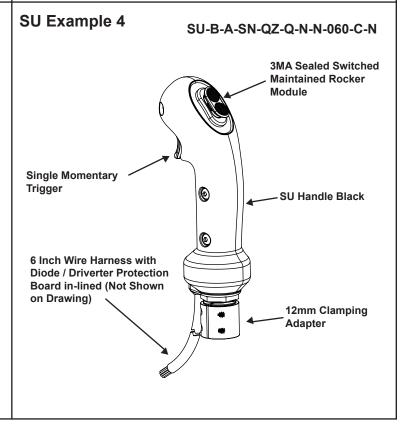


EXAMPLE GUIDE





SU Example 3 SU-B-N-NN-JZ-N-N-144-E-N Proportional Slider Spring Return to Center 0.5-2.5-4.5 Output 5 Vdc SU Handle Black 12 Inch Wire Harness with Single Axis Driver Board in-lined (Not Shown on Drawing)



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Doc #: 550.0060.2018.12.18