G3 UNIVERSAL GRIPS

HEAVY EQUIPMENT & MATERIAL HANDLING GRIPS

The G3 Universal Grips can be customized for top-of-theline machines requiring high switch content, or to provide only basic control functions on lower tier units. The grips are designed to be panel mounted as a fixed control grip or mounted on an OTTO JH, JHL or JHM joystick.

The OTTO G3 Universal Grips have a modular design and were developed for use with OTTO's standard pushbuttons, rockers, toggles, Hall effect switches and the JH, JHL and JHM series Hall effect joysticks. The G3 Grips are easily customized with multiple switch configurations, quickly and without tooling charges.

Features:

- Compatible with the OTTO JH, JHL and JHM series Hall effect Joysticks
- Variety of sizes/shapes available
- Accommodates a full line of pushbutton, rocker, toggle, HP Hall effect & HPL proportional output series of switches
- Various mounting & termination options available
- Includes mounting adapter with boot ring (where applicable)
- Modular faceplate design reduces the need for tooling charges







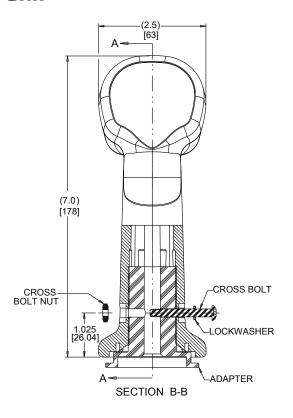


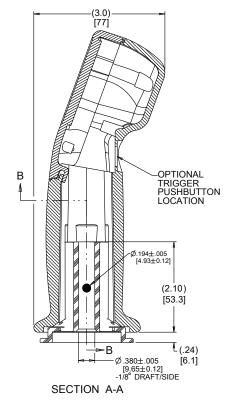
HEAVY EQUIPMENT & MATERIAL HANDLING GRIPS

G3-A UNIVERSAL GRIP

s/Ratings:							
16 AMP Resistive Load; 7 AMP Inductive Load							
25,000 Cycles at Full Load							
5 AMP Resistive Load; 3 AMP Inductive Load							
25,000 Cycles at Full Load							
100,000 Cycles							
1,250,000 Cycles							
Units	Min	Тур	Max				
°C	-40*	20	85				
Watertight per IP68S (1 meter) and IP69K							
Watertight per IP68S (1 meter) and IP69K							
Unsealed							
Thermoplastic, Glass Reinforced, Black							
inermopiastic	,		Thermoplastic, Glass Reinforced, Black				
· ·	,	ced, Black					
· ·	, Glass Reinfor						
	16 AMP Resisti 25,000 Cycles a 5 AMP Resisti 25,000 Cycles a 100,000 Cycles 1,250,000 Cycles Units C Watertight per	16 AMP Resistive Load; 7 AM 25,000 Cycles at Full Load 5 AMP Resistive Load; 3 AM 25,000 Cycles at Full Load 100,000 Cycles 1,250,000 Cycles Units Min ° C -40* Watertight per IP68S (1 meter	16 AMP Resistive Load; 7 AMP Inductive 25,000 Cycles at Full Load 5 AMP Resistive Load; 3 AMP Inductive 25,000 Cycles at Full Load 100,000 Cycles 1,250,000 Cycles Units Min Typ ° C -40* 20 Watertight per IP68S (1 meter) and IP698	16 AMP Resistive Load; 7 AMP Inductive Load 25,000 Cycles at Full Load 5 AMP Resistive Load; 3 AMP Inductive Load 25,000 Cycles at Full Load 100,000 Cycles 1,250,000 Cycles Units Min Typ Max ° C -40* 20 85 Watertight per IP68S (1 meter) and IP69K Watertight per IP68S (1 meter) and IP69K			

^{*} Minimum operating temperature is -30 $^{\circ}\text{C}$ when a K1 Switch is installed.





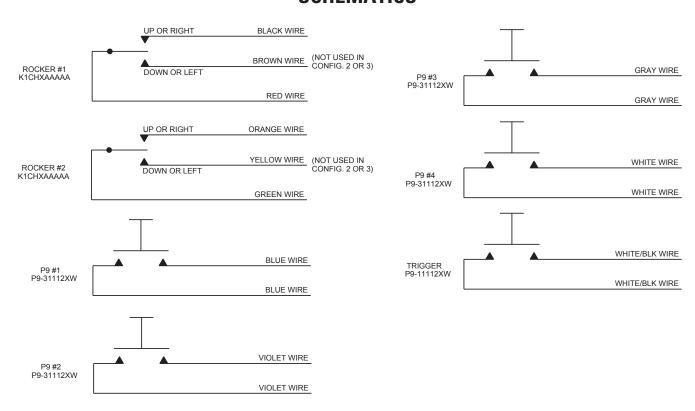
Note: All dimensions are for reference only.

HEAVY EQUIPMENT & MATERIAL HANDLING GRIPS

G3-A UNIVERSAL GRIP PART NUMBER CODE

G3-	-A X	XX	X X	X	X X	X	X	
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Configuration	Switches	Trigger Pushbutton in Handle	K1 Rocker #1 Style - Black *	K1 Rocker #2 Style - Black *	P9 Button #1 Color	P9 Button #2 Color	P9 Button #3 Color	P9 Button #4 Color
 Grip With Adapter Grip Without Adapter 	See Configuration Sheet on next page	1. None 2. Black 3. Red	1. None 2. On-Off 3. (On)-Off 4. On-Off-On 5. (On)-Off-(On)	1. None 2. On-Off 3. (On)-Off 4. On-Off-On 5. (On)-Off-(On)	 Red Black Orange Yellow Green Blue Violet Gray 	1. Red 2. Black 3. Orange 4. Yellow 5. Green 6. Blue 7. Violet 8. Gray	1. Red 2. Black 3. Orange 4. Yellow 5. Green 6. Blue 7. Violet 8. Gray	1. Red 2. Black 3. Orange 4. Yellow 5. Green 6. Blue 7. Violet 8. Gray
* () denotes momentary. On position or momentary position is up or to the right. Contact factory for rocker legends and additional color options.				9. White N. None	9. White N. None	9. White N. None	9. White N. None	

G3-A UNIVERSAL GRIP SCHEMATICS



HEAVY EQUIPMENT AND MATERIAL HANDLING GRIPS

G3-A UNIVERSAL GRIP SWITCH CONFIGURATIONS

