

# GUARDIAN CONTROLLER PRODUCT RANGE



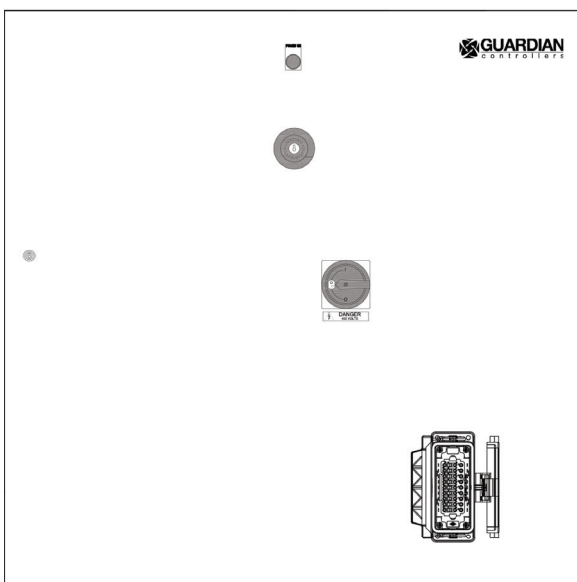
The Guardian Controller Range is a robust automation series of controllers, designed for installation environments. The controllers are constructed in an industrial enclosure, with easy termination points for hoist connections and a hand held pendant for easy operation. The standard range starts at 2 channels up to 12 channels in both low voltage and direct control specifications, however customised controllers are also commonly manufactured. With our expert team of control specialists, a variety of solutions can be tailored for chain hoists, winches, stage elevators and any other theatrical machinery element used in today's modern theatrical performance.

## FEATURES

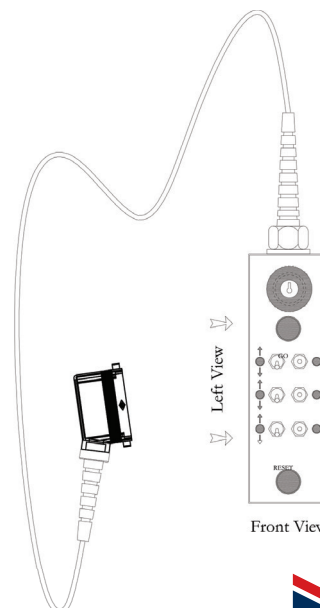
- » Highly robust enclosure protection class IP66
- » Pendant connection point on front of panel with robust ILME connector to avoid damage
- » Acrylic Stove Black Finish
- » Wago push terminal connections for quick and easy termination of cables into main panel
- » Front Mounted Isolator and E-stop for easy access if required.
- » Quality and robust components from Schneider and Wago for a quality and long lasting control system
- » Schneider Safety Relay Fitted as Standard with SIL 3 capability
- » CE certified

## OPTIONS:

- » Powdercoated Enclosures (Additional costs may apply)
- » Additional Control Connection Boxes (See separate datasheet)
- » Additional Intermediate Ceeform Connection Boxes (See separate datasheet)
- » Controller Upgrade to Include PLC control, with handheld touchscreen controller
- » Loadcell Overload & Underload Monitoring (Requires PLC upgrade Module)
- » Absolute & Incremental Encoder Positional Monitoring option (Requires PLC upgrade Module)
- » Additional E-stop Station Boxes (See separate datasheet)
- » Custom Control Systems (See separate section below)



FRONT ELEVATION



Typical Technical Drawing (Full Drawing Available on Request)



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## SPECIFICATIONS

PRODUCT CODE	CONTROL SPECIFICATION TYPE	MAXIMUM TERMINAL CSA	MAX CONTROL VOLTAGE	PANEL DIMENSIONS (WXHxD)	MAXIMUM HOIST CONTROL	ENCLOSURE IP RATING	PLUG (CONTROL) SPECIFICATION	INPUT SUPPLY (A)	ENCLOSURE FINISH
<b>LOW VOLTAGE CONTROLLERS</b>									
G2RLV3WMHW	Low Voltage	2.5mm <sup>2</sup>	42V	400 x 500 x 200mm	2	66	ILME 27 PIN SQUICH CONNECTOR	16	RAL 7035 Stove finish
G4RLV3WMHW	Low Voltage	2.5mm <sup>2</sup>	42V	500 x 500 x 200mm	4	66	ILME 27 PIN SQUICH CONNECTOR	32	RAL 7035 Stove finish
G6RLV3WMHW	Low Voltage	2.5mm <sup>2</sup>	42V	600 x 600 x 200mm	6	66	ILME 27 PIN SQUICH CONNECTOR	32	RAL 7035 Stove finish
G8RLV3WMHW	Low Voltage	2.5mm <sup>2</sup>	42V	600 x 600 x 200mm	8	66	ILME 27 PIN SQUICH CONNECTOR	32	RAL 7035 Stove finish
G10RLV3WMHW	Low Voltage	2.5mm <sup>2</sup>	42V	600 x 800 x 200mm	10	66	ILME 42 PIN SQUICH CONNECTOR	63	RAL 7035 Stove finish
G12RLV3WMHW	Low Voltage	2.5mm <sup>2</sup>	42V	600 x 800 x 200mm	12	66	ILME 42 PIN SQUICH CONNECTOR	63	RAL 7035 Stove finish
<b>DIRECT CONTROL CONTROLLERS</b>									
G2RDC3WMHW	Direct Control	2.5mm <sup>2</sup>	415V	400 x 500 x 200mm	2	66	ILME 27 PIN SQUICH CONNECTOR	16	RAL 7035 Stove finish
G4RDC3WMHW	Direct Control	2.5mm <sup>2</sup>	415V	500 x 500 x 200mm	4	66	ILME 27 PIN SQUICH CONNECTOR	32	RAL 7035 Stove finish
G6RDC3WMHW	Direct Control	2.5mm <sup>2</sup>	415V	600 x 600 x 200mm	6	66	ILME 27 PIN SQUICH CONNECTOR	32	RAL 7035 Stove finish
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G12RDC3WMHW	Direct Control	2.5mm <sup>2</sup>	415V	800 x 800 x 200mm	12	66	ILME 42 PIN SQUICH CONNECTOR	63	RAL 7035 Stove finish



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## CUSTOM CONTROL SOLUTIONS

LTM produce a variety of customised guardain controls, not only for chain hoist, but for motorised winches, stage elevators and a variety of other theatrical automation equipment. The controllers are designed and manufactured by our in house specialists and our experienced technical team are on hand to assist and understand the client requirements and provide a suitable recommendation. Our technical team also have experienced on high profile projects and consultant based construction projects to ensure the system will provide an high end and quality solution. Below is a series of pictures of some customised controls design and manufactured by our Guardian team.



### COMPANY CONTACT DETAILS

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### OPENING HOURS

Mon-Thur: 8:30 - 5:00  
Friday: 8:30 - 2:30

The office is often open outside these times.

### DELIVERIES

We use various methods of delivery and can deliver more or less whenever you need.

To stay up to date with the latest events at LTM please follow us on Facebook, Twitter and LinkedIn



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