

Run Bar

DUO-TOUCH® SG Run Bar with STBs

- Minimizes risk of defeat and accidental machine actuation
- Provides a convenient and economical means for safeguarding when interfaced with DUO-TOUCH® SG Two-Hand Control Modules or comparable control systems
- Offers ergonomic design for reduced hand, wrist and arm stress
- Provides two diverse-redundant microcontroller-based photoelectric STB Touch Buttons with continuous internal self-checking
- Features bright LED power, output and fault indicators on STBs
- Constructed of robust, 13-gauge cold-rolled steel
- A choice of IP20- or IP65-rated models
- Provides immunity to ambient light, EMI and RFI interference
- Offers models with an emergency stop button
- Offers optional telescoping stands and brackets
- Provides knockouts for wiring flexibility and installation of accessory EZ-LIGHT™ indicators
- Meets ANSI B11.19 and ISO 13851 (EN 574) standards when monitored by Type IIIC Two-Hand Control logic device (e.g. AT series Two-Hand Control modules, see page 542)



ACCESSORIES
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ONLINE
AUTOCAD, STEP,
IGES & PDF

DUO-TOUCH® Run Bars with STB Self-Checking Touch Buttons

Connection	STB Touch Buttons		Environmental Rating	E-Stop Button	Models*
	Model	Output			
Terminal Strip	STBVP6	Solid-State Complementary PNP	IP20	Not included	STBVP6-RB1
8-pin Mini QD**				Not included	STBVP6-RB1Q8
Terminal Strip				Model SSA-EBM-02L E-stop button (two NC safety contacts)	STBVP6-RB1E02
Terminal Strip			IP65	Not included	STBVP6-RB2
8-pin Mini QD**				Not included	STBVP6-RB2Q8
Terminal Strip				Model SSA-EBM-02L E-stop button (two NC safety contacts)	STBVP6-RB2E02

* DUO-TOUCH Run Bar kits available with two-hand control module. Contact factory for combinations.

** Order QDS-8..C cordsets separately, see page 551.

WD069

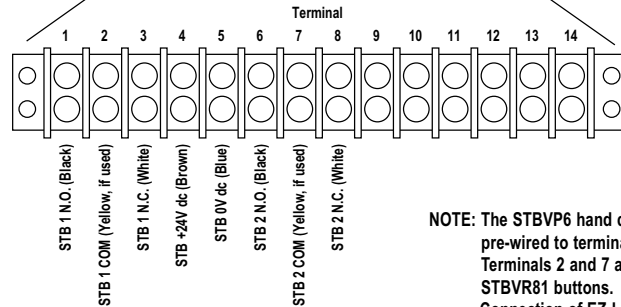
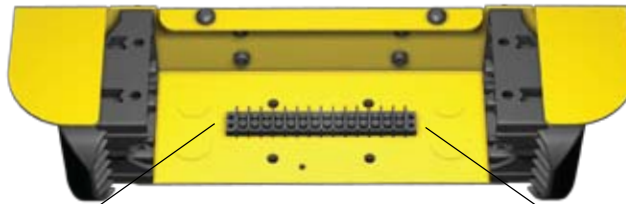
DUO-TOUCH® Run Bar with STBs



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Models

- STBVP6-RB1..



NOTE: The STBVP6 hand control buttons are pre-wired to terminals 1, 3, 4, 5, 6, and 8. Terminals 2 and 7 are reserved for use of STBVR81 buttons. Connection of EZ-LIGHT indicator(s) and QD connectors not shown. (See data sheet for details)

Wiring diagrams are for information only. See appropriate manuals for all specific warnings, cautions and information for use.

Hookups

Wiring Diagrams

Reference Charts

Glossary

International Reps

WD070

EZ-LIGHT™ for Two-Hand Control



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Models

- K50LGRYB11P
- T30GRYB11P

LED Function	Brown Wire	Gray Wire	Black Wire	White Wire	Typical Function
Red ON	+V dc	—	—	—	Stop and/or Not Ready
Blue ON	+V dc	+V dc	—	—	Stopped, but Ready/Enabled
Green ON	+V dc	+V dc	+V dc	—	Go
Yellow ON	+V dc	+V dc	+V dc	+V dc	Mute Condition
Red Flashing	Any other hookup combination				Abnormal State

NOTES:

- Blue wire connected to 0V dc
- Supply Voltage and Current = 10 to 30V dc, 60 mA max.