

E55 Limit Switch Style Sensors with Nonmetallic Housings



Contents

Description	Page
E55 Limit Switch Style Sensors with Nonmetallic Housings	
Product Selection	V8-T3-81
Technical Data and Specifications	V8-T3-82
Wiring Diagrams	V8-T3-82
Dimensions	V8-T3-82

E55 Limit Switch Style Sensors with Nonmetallic Housings

Product Description

These sensors from Eaton's Electrical Sector feature PBT resin housings for high resistance to corrosion. The housing is sized to offer a direct replacement for standard limit switches. The unique sensing head is factory assembled for top sensing, but can be easily converted in the field to any one of four side sensing positions. Models are available with sensing ranges from 15 mm to 40 mm. The sensors can be wired for NO or NC operation.

Features

- Nonmetallic housing offers excellent resistance to corrosion
- Same form factor and mounting as standard limit switches for easy retrofit
- Sensor head features five sensing positions (top and all four sides) that can be easily changed in the field
- Long sensing ranges up to 40 mm

⚠ DANGER

THIS SENSOR IS NOT A SAFETY DEVICE AND IS NOT INTENDED TO BE USED AS A SAFETY DEVICE. This sensor is designed only to detect and read certain data in an electronic manner and perform no use apart from that, specifically no safety-related use. This sensor product does not include self-checking redundant circuitry, and the failure of this sensor product could cause either an energized or de-energized output condition, which could result in death, serious bodily injury, or property damage.

Product Selection

E55 Limit Switch Style Sensors

E55 Limit Switch



Two-Wire Sensors

Voltage Type	Sensing Range (Sn)	Shielding	Output	Connection Type	Catalog Number
35–250 Vac	15 mm	Shielded	NO or NC	Terminal wiring	E55BLT1C
	20 mm	Unshielded			E55BLT1D
	30 mm		E55BLT1E		
	40 mm		E55BLT1F		

For the most current information on this product, visit our Web site: www.eaton.com

For Customer Service in the U.S. call 1-877-ETN CARE (386-2273), in Canada call 1-800-268-3578. For Application Assistance in the U.S. and Canada call 1-800-426-9184.