

NexBot Vision 622-015

Emergency Stop Device, 40mm Twist-Release

NexBot
Robotics

SKU: NXB-GEN-622-015 | Category: Safety Systems
> Safety Interlocks > E-Stop Devices

Overview

The NexBot Vision 622-015 is a robust emergency stop device designed to provide immediate and reliable shutdown of industrial machinery and robotic cells in critical situations. This device is a fundamental component for building safety-compliant automation systems, ensuring personnel protection and minimizing equipment damage during an unplanned event. Its primary function is to open a safety circuit, bringing connected equipment to a safe state. Engineered for durability and ease of use, the 622-015 features a large 40mm red mushroom head actuator that is highly visible and simple to operate with a single push. The intuitive twist-to-release mechanism prevents accidental resets, requiring a deliberate action to re-engage the system after a stop condition has been cleared. The device is equipped with dual-channel, positive-opening contacts (2NC) to provide the redundancy required for high-reliability safety circuits, conforming to established industrial safety standards. Constructed with a rugged polycarbonate housing, this E-Stop device is built to withstand the demands of industrial environments. It carries an IP65 rating, certifying its protection against dust ingress and low-pressure water jets from any direction, making it suitable for a wide range of manufacturing settings. The device operates on a standard 24VDC control voltage, allowing for seamless integration into most industrial control panels and robot controller cabinets. Its standard panel-mount design simplifies installation, providing a clean and secure fit. This emergency stop device is a critical safety element for applications including automated assembly, material handling, robotic welding, and packaging lines.

Technical Specifications

Parameter	Value	Unit
Weight	0.15	kg
Material	Polycarbonate	
Voltage	24VDC	
IP Rating	IP65	
Country of Origin	CH	
Dimensions	75 x 40 x 40 mm	

Safety Notice: This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).