DRILL STOP PERSONNEL EXCLUSION SYSTEM

Next-level Safety with Advanced Motion Detection.

The RCT Drill Stop Personnel Exclusion system is your ultimate solution for safeguarding operators working with or around underground drills. This innovative system ensures a safer working environment by detecting movement along the sides of the machine when the drill is armed and operating.

With two motion detection sensors monitoring personnel movement, the system ensures safety in real-time. Operators can quickly arm the system via a switch inside the cabin. The E-stop output is triggered if movement is detected, shutting down the machine to prevent potential injury.

Key Features

With these advanced features, the RCT Drill Stop Personnel Exclusion system offers a comprehensive safety solution for underground drill operations, ensuring the protection of both operators and equipment.

RETROFIT TO ANY DRILL
The system can be retrofitted to any drill, regardless of make or model, anywhere in the world.

MOTION DETECTION SENSORS
Monitors personnel movement along the sides of the machine.

E-STOP TRIGGER
Detects movement and triggers an emergency stop, shutting down the machine to prevent injury.

30-SECOND RE-ARM TIMER
Prevents the system from being re-armed for 30 seconds after a shutdown.

STATUS LED
A control panel inside the cabin displays the system's operational status.

AUTOMATIC AND MANUAL BYPASS
The system includes an automatic bypass while the engine is running to prevent false triggers during tramming, and a manual bypass feature for uninterrupted maintenance work.

Specifications

Dimensions	220mm (L) x 120mm (W) x 160mm (H) / 8.66" (L) x 4.72" (W) x 6.30" (H)
Weight	3.2kg / 7.05lbs
Enclosure	Alloy
Connection	Deutsch DT Series: 1x 12-pin, 2x 4-pin, 1x 6-pin
Operating voltage	20.4 to 28.8 VDC
IP rating	IP65

Contact us for more information or to place an order.

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