RECO Series
Remote Emergency Control Operators

Weatherproof & Class I, Division 2 Push Buttons & Selector Switches

Technical Bulletin RECO TB-R0 **© 07.22.2019**

Environmental Control Unit Accessories

Typical Applications

Bebco RECO Series Remote Emergency Control Operators are intend to activate or deactivate various functions of our Environmental Control Air Conditioners, Pressurization Units, Gas Phase Filtration Units and Ventilation Units. They are designed to work in conjunction with hard-wired or intrinsically safe inputs to these units, and can operate independently or in conjunction with other safety devices such as our Model CGDM Combustible Gas Detection Monitor.

RECO Enclosure Details

To meet the most demanding needs for strength, along with corrosion, chemical and UV resistance, RECO Series Enclosures are formed as molded polyester housings and covers with a recessed high temperature neoprene gasket and captive stainless steel screws. The housings feature one 3/4" conduit hub knockout on the bottom side, and are 4" wide by 4" deep, by 6-5/8" tall to fit easily in any location.

The enclosures are watertight, dust tight, double insulated and non-conductive making them ideal for any location, even when subjected to frequent wash-downs. Best of all, they're UL and CSA listed with Type 1, 3, 4X, 6P and 12 ratings, for a temperature range of -40 to +250°F and have UL94-5V self-extinguishing, non-propagating flammability rating.

RECO Operator Details

RECO Series Operators are also incredibly durable, with highly corrosion and chemical resistant bodies and internal metal operator components to provide the perfect combination of durability and strength essential to industrial applications.

They are provided in a large bright red mushroom push-pull operator configuration to permit manual activation of a shutdown or override command or a three position selector switch configuration to work in conjunction with other devices to provide manual or automatic control along with bypass or deactivation of a unit shutdown or override command.

RECO Contact Blocks

Our Contact Blocks are offered in both standard and custom configurations to meet your specific circuit control needs. They are durable dust-tight, ordinary location or factory sealed hazardous location ratings, to satisfy any application in any location for either unclassified or classified areas and hard-wired or intrinsically safe wiring schemes.

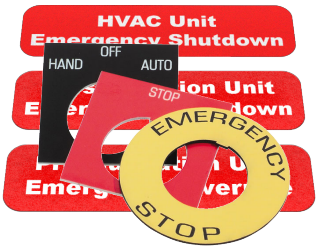
Our ordinary location contact blocks are color coded to indicate normally open or closed styles and our factory sealed hazardous location contact blocks are UL and CSA certified for use in Class I, Division 2, Group B, C & D Areas.

All contacts are certified for 720 VA break ratings at 10 Amps, VAC or 138 VA break ratings at 5 Amps, VDC.

Finally, both push-pull operators may feature one normally open or normally closed contact, and both selector switch operators feature two normally open/closed contacts, and custom contact arrangements are available upon request, to meet your specific requirements.

Model W-P-1C-PS-ES
WEATHER-PROOF PUSH BUTTON OPERATOR FOR EMERGENCY SHUTDOWN
(with 1 normally closed contact block)

Model H-S-2N-PO-HOA
WEATHER-PROOF SELECTOR SWITCH FOR EMERGENCY CONTROL OVERRIDE
(with 2 NO/NC factory-sealed contact blocks)



Available with Standard & Custom Enclosure & Operator Legend Plates

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CSA®

Bebco Environmental
Hazardous & Industrial Climate Control Solutions

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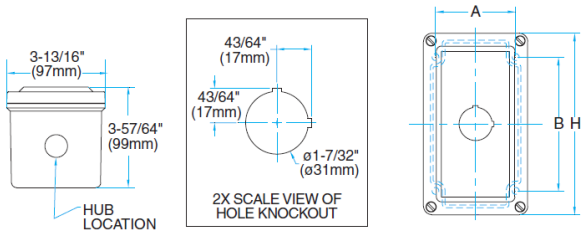
Device Specifications

RECO ENCLOSURES

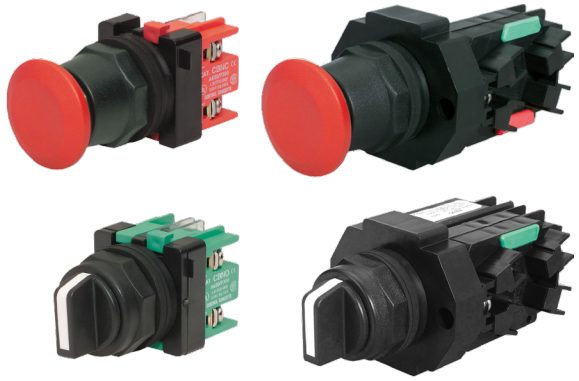
Housing & Cover Materials:	Fiberglass Reinforced Polyester
Continuous Cover Gasket Material:	Memory Retaining Polyurethane
Retained Cover Screw Material:	300 Series Stainless Steel
Enclosure Dimensions:	6-5/8" H x 3-13/16" W x 3-57/64" D
Mounting Hole Dimensions:	A: 2-15/16" B: 4-7/8" *(see diagram below)*
Conduit Connection:	One (1) 3/4" Bottom Side Conduit Knockout
Certifications:	UL & CSA Listed as Type 1, 3, 4X, 6P & 12
Temperature Range:	-40 to +250° F *(-40 to +120° C)*
Flammability Rating:	UL94-5V, Self-extinguishing, non-flame propagating
Conductivity Rating:	Non-conductive, Double Insulated
Environmental Rating:	UV and Chemical Resistant



RECO OPERATORS

Operator Housing, Cap, Mounting Ring, Thrust Washer & Trim Washer Materials:	Thermoplastic Polyester
Operator Seal Material:	Neoprene
Ordinary Location Operator Bearings:	Brass & Stainless Steel
Hazardous Location Operator Bearings:	Stainless Steel

Ordinary Location Operators ***Hazardous Location Operators***



RECO CONTACT BLOCKS

Body & Stroker Material:	Thermoplastic Polyester
Clear Terminal Cover Material:	* Lexan® Polycarbonate
Return Spring Material:	Stainless Steel
Contact & Terminal Screw Material:	Zinc Plated Steel
Contact Rivet Material:	Silver
Wiring Method:	Stranded Wire or Lug
Ordinary Block Certifications:	UL & CSA Listed for Industrial Use
Hazardous Block Certifications:	UL & CSA Listed for Class I, Division 2, Groups B, C & D

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Ordinary Location Contact Blocks ***Hazardous Location Contact Blocks***

Model Number Matrix

Typical Model Number: **W - P - 1C - PS - ES**

Operator Rating
- **W** - Weatherproof Ordinary Location
- **H** - Classified Hazardous Location

Operator Style
- **P** - Push-Pull Operator
- **S** - Selector Switch

Contact Orientations

Push-Pull Operators
- **1C** - 1 Normally Closed Contact (in pulled position)
- **1O** - 1 Normally Open Contact (in pulled position)

Selector Switch Operators:
- **2N** - 2 Normally Open/Closed Contacts

Enclosure Legends
- **PS** - Pressurization Unit Emergency Shutdown
- **PO** - Pressurization Unit Emergency Override
- **VS** - Ventilation Unit Emergency Shutdown
- **VO** - Ventilation Unit Emergency Override
- **HS** - HVAC Unit Emergency Shutdown
- **HO** - HVAC Unit Emergency Override

Operator Legends

Push-Pull Operators
- **ES** - Emergency Shutdown
- **EO** - Emergency Override

Selector Switch Operators:
- **HOA** - Hand / Off / Auto
- **MBA** - Manual / Bypass / Auto

Please contact us regarding custom contact block, enclosure legend and operator legend requirements. We also provide complimentary assistance with safety system component selection and circuitry design!

Manufacturer's Installation Manuals included and available on request

Durable & Flexible Solutions for Emergency Remote Control Operator Stations!

IMPORTANT NOTES: All specifications subject to change without notice. Warranty & Liability policies available upon request.

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