NX™ DRY CONTACT OUTPUT MODULE
INSTALLATION AND OPERATION INSTRUCTIONS

MODEL NUMBER
NXDCO

PRECAUTIONS
• Read and understand all instructions before beginning installation.
• NOTICE: Do not install if product appears to be damaged.
• For Class 2 applications only, do not connect to line voltage.

SAVE THESE INSTRUCTIONS!

DESCRIPTION
The Hubbell Control Solutions NXDCO contact output module provides a means to control third party devices that require a simple form C contact closure as a control signal. The NXDCO converts an NX digital ON/OFF signal into a Class 2, form C contact closure. The NXDCO requires a SmartPORT™ compatible module such as a NXRC series, or NXFM series for operation.

SPECIFICATIONS
Electrical Ratings     12-24 VDC, Class 2
Control Connection    Low Voltage SmartPORT
                        Output: Low Voltage relay, 5 A max.
Operating Environment Operating Temperature: -40°F to 185°F [-40°C to 85°C]
                        Relative humidity (non-condensing): 0 to 95%
Construction          Housing: GSM UL Rated 94 HB Plastic
Mounting              Mounts via #8 screw (not supplied)
Dimensions            2.4” L x 1.35” W x 1.0” H (60.9mm L x 34.2mm W x 25.4mm H)
Weight                2 oz (56.7 g)
Color                 Blue
Patents               Patent(s) Pending
Warranty              Five-year limited

INSTALLATION
1. Choose an appropriate location for mounting the module.
2. Set the address using the address dial. Each device on the SmartPORT must have a unique address.
3. Attach the module using a single #8 screw or bolt as appropriate.
4. Connect the low voltage conductors from the external device to the terminal block per the drawing below. A digital ON action will cause a closure between terminal #1 and terminal #2 (terminal #2 and 3 are internally connected).
5. Plug the Cat5 control cable into one of the RJ45 ports. Two ports are provided to allow a daisy chain connection to other NX SmartPORT devices.
DIMENSIONS

WIRING DIAGRAMS

NXDCO with NXRC

NXDCO with NXM-LV
NXDCO with NXFM-I

NXDCO with NXFM-O