Isolating Relay—Gen 3

Isolating Relay allows control of single shade—one isolating relay is used per motor. However, you can also daisy chain up to 12 Isolating Relays, and control them using a single line 15 amp voltage (110-120V) switch. The Isolating Relay can also be used if existing motors are failing due to inadequate pre-wired installations (i.e., not enough wires pulled to motors). Operated by line voltage switch (SPDT only).

SC1—Gen 3*

The SC1 is a smart control for one motor. It allows one motor to have up to four preset stops from a switch and more for a communication interface (CI). Each SC1 can belong to any input or switch button on the BUS line. It is not limited to a certain number of addresses. The SC1 has a micro USB hub on it for plugging in input devices. It also has a set of dry contacts and RJ11 blocks for BUS communication. All SC1s needing to communicate with each other will need a CAT 5 line going between them with an RJ 11 termination. This BUS line will carry communication to all SC1s linked to it.

GC4—Gen 3

Four 110-120V, single-motor electronic “isolating relays”, the GC4 is an inexpensive way of controlling multiple motors on a single switch. (Can be grouped together in banks of three, to control up to 12 motors, operating on a standard, SPDT 15-amp switch.) Wires stay where they are meant to through ETL-recognized, spring-loaded connection terminals—providing for an extremely fast and easy installation. Install individual relays to allow parallel wiring of multiple motors on one switch. This system does not allow for control/adjustment of individual motors or mid-window alignment positions, and is not suitable if different fabrics or tube diameters are being used in a single 4 motor panel. Can be operated by any IntelliFlex input device. ETL listed enclosure included.

SGC4—Gen 3*

The SGC4 is a smart group control of up to four motors. All motors connected to the SGC4 will operate as a group without preset stops or individual control. This unit allows for low voltage switching to operate the motors connected to an SGC4 together. An SGC4 can belong to any group on the BUS line. The SGC4 comes as an ETL approved assembly.

SPGC4—Gen 3*

The SPGC4 is a smart programmable group control of up to four motors. It is designed to run up to four motors individually or as a group with presets available. An SPGC4 is four SC1 units in an enclosure to become an ETL assembly. The units inside an SPGC4 are already connected with CAT 5 so one only needs to connect SPGC4 boxes together.

SGC1—Gen 3*

The SGC1 is a smart group control for one motor. It allows one motor to work with different groups from input devices. It cannot do preset stops. Each SGC1 can belong to any input or switch button on the BUS line. It is not limited to a certain number of addresses. The SGC1 has a micro USB hub on it for plugging in input devices. It also has a set of dry contacts and RJ11 blocks for BUS communication. All SGC1s needing to communicate with each other will need a CAT 5 line going between them, with an RJ 11 termination. This BUS line will carry communication to all SGC1s linked to it.

*Please note: Programming this IntelliFlex control requires a PC and programming/commissioning software. The software may be downloaded at: www.draperinc.com/ProTools.htm. You will need a Draper dealer number to gain access and download the software.
### Dry Contact Wall Switch
Clearly marked for intended function. Site-specific overlay may be provided for upcharge. Only one button per function so no combination button presses for action required. The switch works with SC1, SGC1, SGC4, SPGC4 units. Switches will need to connect to a dry contact input (DCI) to work. Switches using 2-6 buttons will need one CAT 5 line from the back of the switch. Switches using 8-12 buttons will require two CAT 5 lines from the back of the switch to the controller.

### IR Remote Control Transmitter
May act as a group control, an individual motor control or any combination thereof. This input device can be used with SC1, SGC1, SGC4 or SPGC4. You must also select an IR Eye.

### IR Remote Control Eye
Tiny IR eye designed to peek out from behind a surface. 72" black micro-USB cable included. One eye connected to a Bus allows control of up to 60 motors. This device can be used with SC1, SGC4 or SPGC4. You must also select an IR transmitter.

### Programmable Sun Sensor/Timer
Sensor is designed to have an up and down threshold which is user defined during programming. There is also a built-in delay mode for passing clouds. The timer is also set at programming. One enters the time and structures of the time zone.

### Dry Contact Input
Converts dry contacts into system commands to which any control on the BUS line can respond. It can work with up to 6 different contact closures.

### RS 232/485 Serial Input
The RS 232/485 serial input allows these types of serial commands to operate controls on the bus line. There is no GUI. This type of control is for automation system integration. One device is limited to 10 groups of operation.

### LS100 Internet Protocol Interface Device
Ethernet to Serial bridge device to control R2D7 via Ethernet. Comes with its own power supply and instructions. The LS100 can have a static IP address assigned to it, allowing for direct access to any device connected to it via Ethernet connection. This input device can be used with SC1, SGC1, SGC4 or SPGC4.