

**NEW**

**BROYCE**  
**CONTROL**

*Passionate about protection and control*



**UL** US LISTED

**Control Relays**

# Control Relays

## LR44/4N

### Logic Relay - 4 Outputs



- Built-in NFC (Near Field Communication)
- Up to 7 Pre-configurable logic/switching patterns to choose from via a compatible Smartphone with installed app^
- Accepts up to 2, Voltage-free, N.O. contacts
- Microprocessor based
- Isolated power supply
- Wide auxiliary operating supply voltage (85 – 265V AC/DC)
- 4 x SPNO relay outputs 5A
- Green LED indication for supply and NFC status
- Individual Red LED indication for relay status



Dims: to DIN 43880 W. 44mm

^ App available from:



## LR44/2 & LR44/3

### Logic Relay - 2 or 3 Outputs



- Designed to balance the operation between motors, compressors, generators, etc
- "Help" function
- Accepts up to 3, Voltage-free, N.O. contacts
- Microprocessor based
- Isolated power supply
- Wide auxiliary operating supply voltage (85 – 265V AC/DC)
- 2 x SPNO relay outputs 5A (LR44/2)
- 3 x SPNO relay outputs 5A (LR44/3)
- Green LED indication for supply status
- Individual Red LED indication for relay status
- Other logic/switching patterns available on request



Dims: to DIN 43880  
W. 44mm

## UVR44

### Under Voltage



- Designed to withstand voltage overloads up to 125% (cont.), 150% (10s)
- Selectable nominal voltages (220, 230, 240, 254, 265, 277V (L>N))
- Monitors own supply and measures phase to neutral voltages
- Detects an Under voltage condition
- Adjustable Differential and Under voltage trip level
- Adjustable time delay
- DPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880  
W. 44mm

# Control Relays

## LMCCR-2A & LMCCR-10A

### Multifunction, Combined Current Monitoring

- True R.M.S. monitoring
- 3 Selectable monitoring ranges  
LMCCR-2A (0.02 - 0.2, 0.1 - 1, 0.2 - 2A AC/DC)  
LMCCR-10A (0.2 - 2, 0.5 - 5, 1 - 10A AC/DC)
- Selectable Under or Over current monitoring
- Selectable hysteresis, latch and power up delay options
- Adjustable trip level and time delay
- Isolated Auxiliary Supply 12 - 60V OR 24 - 230V AC/DC +15/-10%
- 1 x SPDT relay output 8A
- Green LED indication for supply status, Red LED for relay and Yellow for alarm



Dims: to DIN 43880  
W. 17.5mm

## LMCVR-20V & LMCVR-500V

### Multifunction, Combined Voltage Monitoring

- True R.M.S. monitoring
- 5 Selectable monitoring ranges  
LMCVR-20V (0.1 - 1, 0.2 - 2, 0.5 - 5, 1 - 10, 2 - 20V AC/DC)  
LMCVR-500V (2 - 20, 5 - 50, 10 - 100, 20 - 200, 50 - 500V AC/DC)
- Selectable Under or Over voltage monitoring
- Selectable hysteresis or latch option
- Adjustable trip level and time delay
- Isolated Auxiliary Supply 12 - 60V OR 24 - 230V AC/DC +15/-10%
- 1 x SPDT relay output 8A
- Green LED indication for supply status, Red LED for relay and Yellow for alarm



Dims: to DIN 43880  
W. 17.5mm

## LMWVR

### Multifunction, Windowed Voltage Monitoring

- True R.M.S. monitoring
- 7 Selectable Nominal voltage ranges (12 - 240V AC/DC)
- Window operation Under and Over voltage monitoring
- Adjustable Under and Over voltage trip levels
- Adjustable time delay
- Isolated Auxiliary Supply 12 - 60V OR 24 - 230V AC/DC +15/-10%
- 1 x SPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status and Yellow for Under or Over voltage



Dims: to DIN 43880  
W. 17.5mm

## LXCVR

### Under and Over Voltage

- True R.M.S. monitoring
- Monitors own supply
- Adjustable Under and Over voltage trip levels
- Adjustable time delay
- 1 x SPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880  
W. 17.5mm

# Control Relays



## LCVR/2

### Under and Over Voltage

- True R.M.S. monitoring
- Selectable nominal voltages to suit most popular single phase voltages
- Monitors own supply
- Adjustable Under and Over voltage trip levels
- Adjustable time delay
- 1 x SPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880  
W. 17.5mm



## LBVR/A

### Battery Voltage Monitoring

- DC voltage monitoring
- 8 - 30V voltage range
- Adjustable trip level
- Adjustable time delay
- 1 x SPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880  
W. 17.5mm



## LBVR/B

### Battery Voltage Monitoring with adjustable Hysteresis

- DC voltage monitoring
- 8 - 30V voltage range
- Adjustable trip level
- Adjustable hysteresis
- Adjustable time delay
- 1 x SPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880  
W. 17.5mm



## LBVR/C

### Battery Voltage Monitoring with Under & Over

- DC voltage monitoring
- 8 - 30V voltage range
- Adjustable Under and Over voltage trip levels
- Adjustable time delay
- 1 x SPDT relay output 8A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880  
W. 17.5mm



**NOTE:** Many other versions and options available which can be customised to suit your requirements!



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