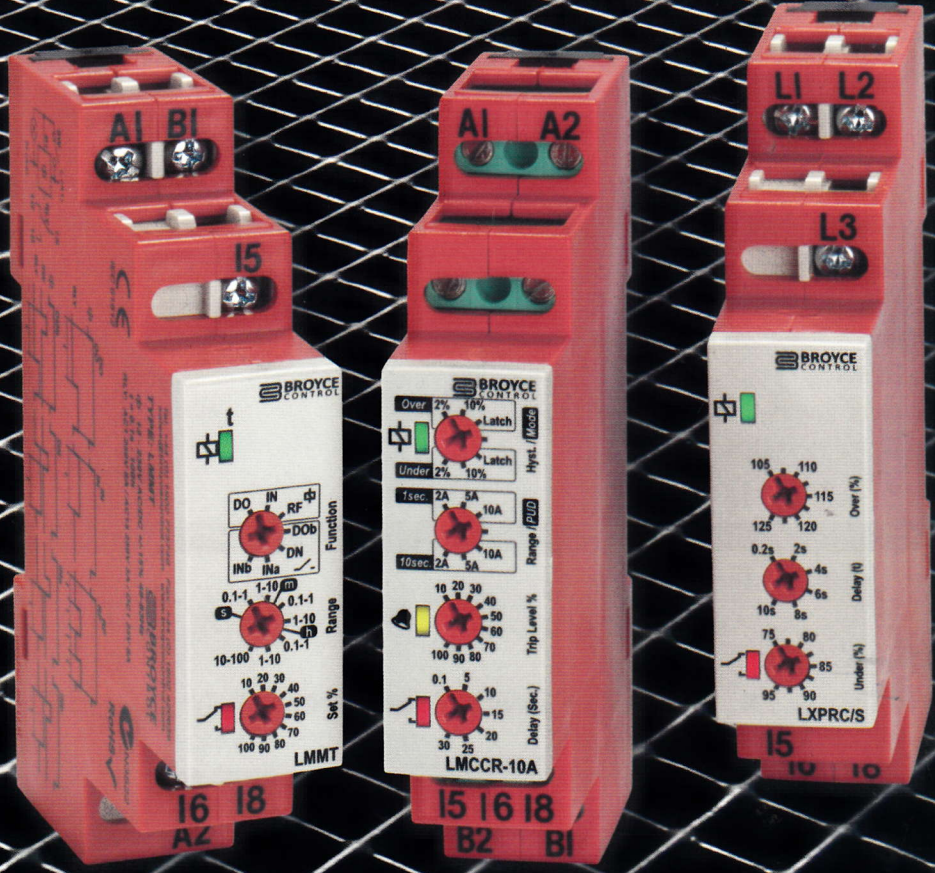


New!

BROYCE CONTROL

Passionate about protection and control



Timers, Control and Three Phase Relays

Timers

LMMT

Multifunction

- 7 Selectable functions
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15%)
- LED Warning indication if function is changed whilst powered
- 1 x SPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LMMT/2

Multifunction

- 7 Selectable functions
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15%)
- LED Warning indication if function is changed whilst powered
- 1 x DPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LART

Asymmetrical Recycling

- Recycling "On / Off" function AN ("Off / On" AF when external link fitted)
- Separate adjustments for "on" and "off" ranges
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15%)
- 1 x SPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LRTM/2

Delayed Pulse

- Recycling "Off / On" function AF ("Delayed Pulse" DP when external link fitted)
- Separate adjustments for "on" and "off" ranges
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15/-10%)
- 1 x DPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

Timers

LEDO

Delay On Operate

- Supply initiated, Delay On Operate timing function
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15%)
- 1 x SPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

*Dims: to DIN 43880
W. 17.5mm*

LEIN

Interval

- Supply initiated, Interval timing function
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15%)
- 1 x SPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

*Dims: to DIN 43880
W. 17.5mm*

LESW

Switch Initiated Delay Off

- Switch initiated (Constant supply), Delay Off timing function
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +/-15%)
- 1 x SPDT relay output 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

*Dims: to DIN 43880
W. 17.5mm*

LEDF

True Delay Off

- True Delay Off timing function
- Adjustment of time delay range
- Dual-voltage input (24V AC/DC // 110V AC or 24V AC/DC // 230V AC)
- 1 x SPDT relay output 8A
- Green LED indication for supply status



**New
Module
Design**

*Dims: to DIN 43880
W. 17.5mm*

Timers

LEYD/A

Star / Delta Start

- Star / Delta Start timing function
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Selectable "Dwell" time (40 - 160ms)
- Multi-voltage input (12 – 230V AC/DC +15/-10%)
- 1 x SPDT relay output 6A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LEDK

Delay On Operate with Instantaneous Contact

- Delay On Operate with Instantaneous Contact timing function
- 7 Selectable time ranges (0.1 seconds – 100 hours)
- Fine adjustment of selected time range
- Multi-voltage input (12 – 230V AC/DC +15/-10%)
- 2 x SPDT relay outputs 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LMAT

Multi-Attempt to Start

- Multi-Attempt to Start timing function
- Separate adjustments for "on" and "off" time ranges
- 7 Selectable "Start Attempts" (2 - 8)
- Multi-voltage input (12 – 48V AC/DC +10/-30%)
- 2 x SPDT relay outputs 8A
- Green LED indication for supply / timing status
- Red LED indication for relay status
- Conforms to IEC 61812



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

Control Relays

LMCCR-2A

Multifunction, Combined Current Monitoring

- True R.M.S. monitoring
- 3 Selectable monitoring ranges (0.02 - 0.2, 0.1 - 1, 0.2 - 2A 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 indication for relay status and Yellow for alarm



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LMCCR-10A

Multifunction, Combined Current Monitoring

- True R.M.S. monitoring
- 3 Selectable monitoring ranges (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 indication for relay status and Yellow for alarm



**New
Module
Design**

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



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

Control Relays

LMCVR-20V

Multifunction, Combined Voltage Monitoring

- True R.M.S. monitoring
- 5 Selectable monitoring ranges (0.1 - 1, 0.2 - 2, 0.5 - 5, 1 - 10, 2 - 20V 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 indication for relay status and Yellow for alarm



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LMCVR-500V

Multifunction, Combined Voltage Monitoring

- True R.M.S. monitoring
- 5 Selectable monitoring ranges (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 indication for relay status and Yellow for alarm



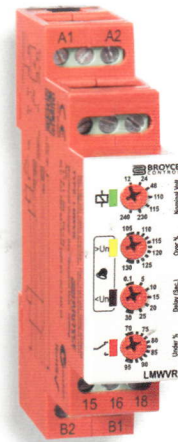
**New
Module
Design**

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 alarm



**New
Module
Design**

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



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

Three Phase Relays

LXPRC/S

Under & Over Voltage, Phase Loss + Sequence

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to phase voltages
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects incorrect phase sequence and phase loss
- Adjustable Under and Over voltage trip levels
- Adjustable time delay to prevent nuisance tripping
- 1 x SPDT relay output 8A
- Green LED indication for supply and Red LED for relay statuses



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LXPRC/S-4W

Under & Over Voltage, Phase & Neutral Loss + Sequence

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to neutral voltages
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects incorrect phase sequence, phase and neutral loss
- Adjustable Under and Over voltage trip levels
- Adjustable time delay to prevent nuisance tripping
- 1 x SPDT relay output 8A
- Green LED indication for supply and Red LED for relay statuses



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LXPRC

Under & Over Voltage + Phase Loss

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to phase voltages
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects phase loss and operates irrespective of phase sequence
- Adjustable Under and Over voltage trip levels
- Adjustable time delay to prevent nuisance tripping
- 1 x SPDT relay output 8A
- Green LED indication for supply and Red LED for relay statuses



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

LXPRC-4W

Under & Over Voltage + Phase & Neutral Loss

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to neutral voltages
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects phase and neutral loss and operates irrespective of phase sequence
- Adjustable Under and Over voltage trip levels
- Adjustable time delay to prevent nuisance tripping
- 1 x SPDT relay output 8A
- Green LED indication for supply and Red LED for relay statuses



**New
Module
Design**

Dims: to DIN 43880
W. 17.5mm

Three Phase Relays



LXPRT

Under Voltage, Phase Loss + Sequence

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to phase voltages
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence and phase loss
- Adjustable Under voltage trip level
- Adjustable time delay to prevent nuisance tripping
- 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*

**New
Module
Design**

LXPRT-4W

Under Voltage, Phase & Neutral Loss + Sequence

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to neutral voltages
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence, phase and neutral loss
- Adjustable Under voltage trip level
- Adjustable time delay to prevent nuisance tripping
- 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*

**New
Module
Design**

LXPRF

Phase Loss + Sequence

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to phase voltages
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence and phase loss
- Fixed Under voltage trip level
- Fixed 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*

**New
Module
Design**

LXPRF-4W

Phase & Neutral Loss + Sequence

- True R.M.S. monitoring
- Can be specified for 110, 208, 220, 380, 400 or 415V supplies
- Monitors own supply and measures phase to neutral voltages
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence, phase and neutral loss
- Fixed Under voltage trip level
- Fixed 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*

**New
Module
Design**

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



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