

NEW

BROYCE
CONTROL

Passionate about protection and control



UL LISTED

Three Phase Relays

Three Phase Relays

LPRC/2

Under & Over Voltage, Phase Loss + Sequence

- True R.M.S. monitoring
- Selectable nominal voltages to suit most popular 3-wire/4-wire supply voltages
- Monitors own supply and measures phase to phase (3-wire monitoring) or phase to neutral (4-wire monitoring) voltages
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects incorrect phase sequence, phase and neutral loss¹
- Independent relay outputs - Under voltage and Over voltage monitoring
- 2 x SPDT relay output 5A
- Green LED indication for supply status
- Individual Red LED indication for both relay statuses



Dims: to DIN 43880
W. 17.5mm

¹ when 4-wire mode selected

LPRT/2

Under Voltage, Phase Loss + Sequence

- True R.M.S. monitoring
- Selectable nominal voltages to suit most popular 3-wire/4-wire supply voltages
- Monitors own supply and measures phase to phase (3-wire monitoring) or phase to neutral (4-wire monitoring) voltages
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence, phase and neutral loss¹
- DPDT relay output 5A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880
W. 17.5mm

¹ when 4-wire mode selected

LPRA/2

Phase Asymmetry, Under Voltage, Phase Loss + Sequence

- True R.M.S. monitoring
- Selectable nominal voltages to suit most popular 3-wire/4-wire supply voltages
- Monitors own supply and measures phase to phase (3-wire monitoring) or phase to neutral (4-wire monitoring) voltages
- Detects phase asymmetry/unbalance
- Detects incorrect phase sequence, phase and neutral loss¹
- DPDT relay output 5A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880
W. 17.5mm

¹ when 4-wire mode selected

LPRD/2

Under Voltage, Phase Loss, Sequence + Restart Delay

- True R.M.S. monitoring
- Selectable nominal voltages to suit most popular 3-wire/4-wire supply voltages
- Monitors own supply and measures phase to phase (3-wire monitoring) or phase to neutral (4-wire monitoring) voltages
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence, phase and neutral loss¹
- Delay to relay re-energising adjustable
- DPDT relay output 5A
- Green LED indication for supply status
- Red LED indication for relay status



Dims: to DIN 43880
W. 17.5mm

¹ when 4-wire mode selected

Three Phase Relays

LPMP/2

Phase Asymmetry, Under & Over Voltage, Phase Loss + Restart Delay

- True R.M.S. monitoring
- Selectable nominal voltages to suit popular 3-wire/4-wire supply voltages
- Monitors own supply
- Detects phase asymmetry/unbalance and if one or more phases exceed the fixed Under or Over voltage trip levels
- Detects incorrect phase sequence, phase and neutral loss¹
- Delay to relay re-energising adjustable
- DPDT relay output 5A
- Green LED indication for supply status and Red LED for relay

¹ when 4-wire mode selected



Dims: to DIN 43880
W. 17.5mm

PUVR44

Phase 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 on one or more phases
- 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

LXPRC/S & LXPRC/S-4W

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 (phase to neutral on LXPRC/S-4W)
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects incorrect phase sequence and phase loss (plus neutral loss on LXPRC/S-4W)
- 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



Dims: to DIN 43880
W. 17.5mm

LXPRC & LXPRC-4W

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 (phase to neutral on LXPRC-4W)
- Detects if one or more phases exceed the set Under or Over voltage trip levels
- Detects phase loss (and neutral loss on LXPRC-4W) 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



Dims: to DIN 43880
W. 17.5mm

Three Phase Relays



LXPRT & LXPRT-4W

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 (phase to neutral on LXPRT-4W)
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence and phase loss (plus neutral loss on LXPRT-4W)
- 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*



LXPRF & LXPRF-4W

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 (phase to neutral on LXPRF-4W)
- Detects an Under voltage condition on one or more phases
- Detects incorrect phase sequence and phase loss (plus neutral loss on LXPRF-4W)
- 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*



LXPRC/S/RD

Under & Over Voltage, Loss, Sequence + Restart Delay

- True R.M.S. monitoring
- Selectable nominal voltages
- Two ranges available:
 - 208/220V
 - 380/400/415/440/460V
- Monitors own supply and measures phase to phase voltages
- Detects if one or more phases exceed the fixed Under or Over voltage trip levels
- Detects incorrect phase sequence and phase loss
- Fixed Under/Over voltage trip levels (+/-10% of selected nominal)
- Adjustable Restart time delay (1 - 500s)
- 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*



LXPRC/S/F

Under & Over Voltage, Phase Loss + Sequence

- True R.M.S. monitoring
- Designed primarily for 400/415V supplies
- Monitors own supply and measures phase to phase voltages
- Detects if one or more phases exceed the fixed Under or Over voltage trip levels
- Detects incorrect phase sequence and phase loss
- Fixed Under/Over voltage trip levels
- Adjustable time delay to prevent nuisance tripping
- 1 x SPDT relay output 8A
- Green LED indication for supply status/fault condition
- 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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