

XR Series Terminal Block Relays



Contents

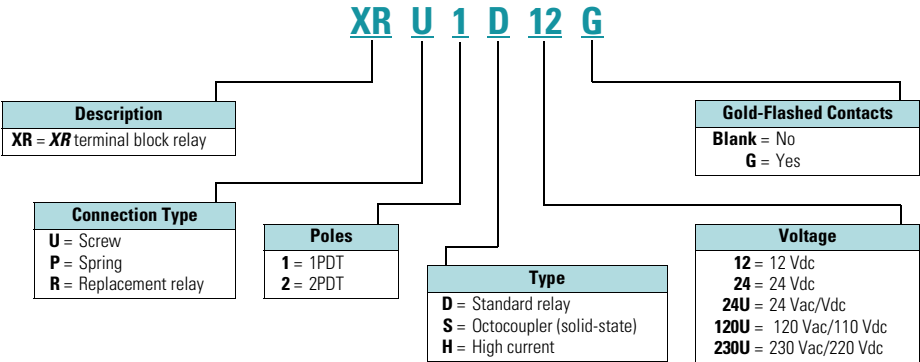
Description

Page

XR Series Terminal Block Relays	
Standard Terminal Block Relays	V7-T3-4
OptoCoupler Terminal Block Relays	V7-T3-12
High Current Terminal Block Relays	V7-T3-15
XR Series Accessories	V7-T3-18

Catalog Number Selection

XR Series—Overview



Standard Terminal Block Relay



3

Contents

Description	Page
Standard Terminal Block Relays	
Product Selection	V7-T3-5
Technical Data and Specifications	V7-T3-6
Electrical Schematics	V7-T3-11
Dimensions	V7-T3-11
OptoCoupler Terminal Block Relays	V7-T3-12
High Current Terminal Block Relays	V7-T3-15
XR Series Accessories	V7-T3-18

Standard Terminal Block Relays

Product Description

The **XR** Series Terminal Block Relays are ideal for applications that require a high switching capacity and long electrical service life. The relays are plug-in interfaces that connect to basic terminal blocks. The **XR** Series uses screw or spring-cage technology, as well as offers quick system wiring, superior safety features, clear labeling and a high level of modularity.

Application Description

Used in automation systems, electromechanical relays guarantee a safe connection between process I/O and electronic controls. The following functions are covered by relay coupling elements:

- Electrical isolation between the input and output circuits
- Independence of the type of switching current (AC and DC)
- High short-term overload resistance in the event of short circuits or voltage peaks
- Low switching losses
- Ease of operation

Features

- Pluggable relay allows for field replacement
- Functional plug-in bridges
- Choice of screw connections or spring-cage connection
- LED status indication
- DIN rail mount
- Only 6.2 mm wide for single-pole versions, 14 mm wide for double-pole
- All common input voltages between 12 Vdc to 120 Vac
- Gold-plated contacts available
- Equipped with a robust, miniature relay:
 - IP67 protection
 - Environmentally friendly, cadmium-free contact material
- Easy, cost-effective installation and replacement using the engagement lever

Standards and Certifications

- cULus listed
- CE

