

C-Bus 4 Channel 20A Relay, DIN Rail Series

C-Bus²

CLIPSAL[®]
INTEGRATED SYSTEMS



L5504RVF20 Series

The L5504RVF20 Series Units are C-Bus relay-switching devices designed to be mounted in electrical switchboards or similar enclosures. For ease of installation, they are DIN rail mounted, measuring 12 DIN modules wide. Four independent voltage free relay contacts are provided for general switching applications.

The units include all C-Bus Learning features, which allow the units to be programmed without the need for a PC connected to the system. Alternatively, units can be programmed via a PC and the C-Bus Installation Software.

The series includes units complete with 20A rated relays for resistive, inductive or fluorescent loads.

The units consume no current from the C-Bus network during normal operation. The Series includes units available both with and without a 200mA C-Bus power supply for powering other C-Bus devices connected to the network (e.g., C-Bus Key Input Switches, Touch Screens, PIR detectors, etc).

C-Bus connections are conveniently achieved at the unit through the use of RJ45 connectors, allowing similar units to be quickly looped together.

This Series of C-Bus units is capable of generating a C-Bus clock signal and providing a C-Bus network burden. Both the clock signal and the burden are selectable through the C-Bus Installation Software.

Local toggle buttons are included to allow individual channels to be toggled at each unit, as well as via C-Bus commands. Remote ON and OFF facilities are available, permitting all channels to be turned ON or OFF without C-Bus network communication.

The unit optically isolates the mains power from the safe extra low voltage C-Bus network.

LED Indicators are provided to show the status of the C-Bus Network and the status of the unit.

Like all the other units that make up a C-Bus system, the DIN Rail C-Bus Relays are Australian designed, developed and manufactured by Clipsal Integrated Systems Pty Ltd.

clipsal.com/cis

CLIPSAL
IBS Intelligent Building Series™

L5504RVF20 Series C-Bus 4 Channel 20A Relay, DIN Rail Series



- Provides four independent voltage free relay contacts in a 12M wide DIN rail enclosure.
- Complete with 4 independent 20A rated relays (resistive, inductive or fluorescent loads).
- Units available both with and without a 200mA C-Bus power supply on-board.
- Up to 100 units without power supply or 10 units with power supply are permitted on any one single C-Bus network (255 networks available in a C-Bus installation).
- Configured via either the C-Bus Installation Software or via the Learn Enabled Features.
- Local ON/OFF toggle buttons allow individual channels to be manually overridden at each unit.
- Remote ON and OFF facilities permit all channels to be turned ON or OFF without C-Bus network communication.
- The C-Bus and output stages are electrically isolated.
- Incorporates C-Bus Network Status, Mains Power Status, and Load status indicators.
- Capable of generating a C-Bus clock signal if enabled.
- A network burden is incorporated and is software selectable.
- Logic states (AND, OR) configurable via installation software.
- Relay interlocking feature selectable via installation software.
- Incorporates power recovery options to restore loads 'as was', 'off' or 'on'.
- 2 x RJ45 sockets are incorporated to facilitate the C-Bus connection.
- Supplied with a 300mm C-Bus Category 5 patch lead complete with pre-terminated RJ45 connectors.
- The output terminals accommodate 2 x 1.5mm² or 1 x 4.0mm² cable.
- EMC Compliant to meet the requirements for marking with the CE and RCM marks.
- Incorporate magnetically latching relays.
- Capable of being programmed via the installation software without the need for a mains connection.
- Draws 18mA when being programmed and no mains connection is made.
- When a mains connection is made, then the unit does not draw any current from C-Bus.
- Dimensions: H = 85mm, W = 215mm, D = 65mm.

Clipsal Integrated System Pty Ltd.

ABN 15 089 444 951

Head Office

12 Park Terrace, Bowden, South Australia 5007

Telephone (08) 8269 0560

International +61 8 8269 0560

Facsimile (08) 8346 0845

International +61 8 8346 0845

E-Mail cis@clipsal.com.au

Internet clipsal.com/cis

International Enquiries

Head Office Export Department

Telephone +61 8 8269 0587

Facsimile +61 8 8340 7350

E-Mail export@clipsal.com.au

Internet clipsal.com

New Zealand

Clipsal Industries (NZ) Ltd

Telephone +64 9 576 3403

Malaysia

Clipsal Integrated Systems (M) Sbn Bhd

Telephone +60 3 7665 3555

Singapore

Clipsal Integrated Systems Pte Ltd

Telephone +65 266 1998

Hong Kong

Clipsal Integrated Systems (HK) Limited

Telephone +852 2 487 0261

China

Clipsal China Limited

Telephone +86 755 246 1122

Taiwan

Clipsal (Taiwan) Co Ltd

Telephone +886 2 2558 3456

Thailand

Clipsal Thailand Ltd

Telephone +66 2 952 5338

South Africa

Clipsal South Africa (Pty) Ltd

Telephone +27 11 314 5200

United Kingdom

Clipsal Ltd (UK)

Telephone +44 1494 521 111

Greece

Clipsal Hellas S.A.

Telephone +30 1 0993 9165

