

# RLS Series IDC Terminal Block

■ Outside Plant for  
Business-Critical Continuity

## Key Features

- No special tools required for ease of installation
- Silicone grease-filled connectors provide moisture resistance and longer life termination
- Pair-at-a-time IDC termination allows fast, easy jumpering with no wire stripping
- Half-tap capability permits multiple appearances of jumper wire
- Variety of harness lengths and connectors for ease of use and consistency with telco standards
- Available installed in cross-connect and building entrance terminals to fit a variety of applications
- Designed to meet Telcordia 1195 specifications to ensure reliable performance

## Description

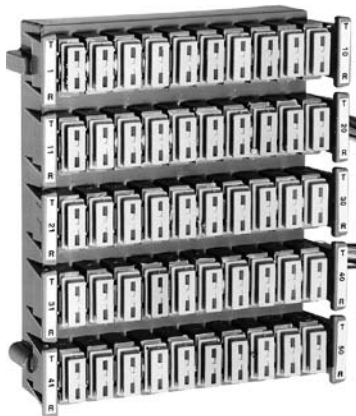
The RLS Series blocks consist of compact, IDC (insulation displacement connection) wire connectors, which provide fast, easy connection of 22 to 26 gauge (.4 to .6 mm) wire. Each connector is silicone-grease filled with tin-plated terminals, providing maximum environmental protection for terminated pairs.

The RLS Series includes blocks for 2 to 50-pairs. Pair-at-a-time wire termination is accomplished by lifting the RLS activator, inserting a pair of unstripped wires into the appropriate slots on the activator, and pressing firmly down on the activator.

The 2 and 5-pair blocks are internally wired, with RLS input and output. The 10, 25, and 50-pair blocks are potted on the rear side of the block, and are available in a variety of harness lengths, with or without connectors.

## Application

The RLS family of blocks is a flexible terminal block that can be employed in a wide variety of cross-connect or building entrance applications. These blocks are ideal for outdoor use.



RLS50



Wires Inserted into RLS Activator

# RLS Series IDC Terminal Block



RLS2X2

## Dimensions

Catalog Number	H	W	D
RLS2X2	1.06-in. (2.69 cm)	2.66-in. (6.76 cm)	1.50-in. (3.81 cm)
RLS5X5	1.06-in. (2.69 cm)	5.50-in. (13.97 cm)	1.50-in. (3.81 cm)
RLS10	1.06-in. (2.69 cm)	5.50-in. (13.97 cm)	1.50-in. (3.81 cm)
RLS25	5.38-in. (13.67 cm)	2.88-in. (7.32 cm)	1.50-in. (3.81 cm)
RLS50	5.68-in. (13.67 cm)	5.06-in. (12.85 cm)	1.50-in. (3.81 cm)

## Ordering Information

Catalog Number	Part Number	Pair Count	Input	Description
RLS2X2*	F016996	2	RLS IDC	Internally wired unit
RLS5X5*	F016998	5	RLS IDC	Internally wired unit
RLS10	F016997	10	26 AWG harness	Equipped with 5.5-ft. (1.68 m) harness
RLS25	F017812	25	26 AWG harness	Equipped with 2.5-ft. (0.76 m) harness
RLS254	F001095	25	26 AWG harness	Equipped with 4-ft. (1.21 m) harness & 3M® 4005-DPM connector
RLS25DPM	F017814	25	MS2	Equipped with 6-ft. (1.82 m) harness & 3M® 4005-DPM connector
RLS255DPM	F005313	25	MS2	Equipped with 5-ft. (1.52 m) harness & 3M® 4005-DPM connector
RLS25CF	F005315	25	710	Equipped with 6-ft. (1.82 m) harness & 710 connector
RLS50	F016950	50	26 AWG harness	Equipped with 7-ft. (2.13 m) harness
RLS50DPM	F016945	50	MS2	Equipped with 6-ft. (1.82 m) harness & 3M® 4005-DPM connectors
RLS507FT3M4005	F003043	50	MS2	Equipped with 7-ft. (2.13 m) harness & 3M® 4005-DPM connectors
RLS507FT3M4000	F003044	50	MS2	Equipped with 7-ft. (2.13 m) harness & 3M® 4000-D connectors
RLS50CBM6	F016941	50	MS2	Equipped with 6-ft. (1.82 m) harness & 3M® 4005-CBM connectors
RLS50PVC20	F300300	50	26 AWG stub	Equipped with 20-ft. (6.09 m) PVC-sheathed cable stub

\* With the exception of the RLS2X2 and RLS5X5, when used in cross-connect applications, the input termination style listed refers to the feeder side termination. The output termination style would, of course, be reserved for the distribution side.

NOTE: For other harness lengths and/or connector types, please contact your Emerson customer service representative.

## Accessories

Catalog Number	Part Number	Description
RLSACTGRAY10	F567272	Gray replacement activators, 10/pkg.
P71082	F571082	Red RLS activators, 5/pkg.
RLSTEST1	F019128	1-pair tester with 5-ft. leads & ring terminals for RLS and 3M® SS-25
RLSTEST1PKT	F019127	1-pair pocket tester w/ring terminals for RLS and 3M® SS-25
TS50RLS1S	F019139	50-pair stackable test shoe for RLS50 w/carrying case
P53828	F553828	Red special service caps, 30/pkg.
P60209	F560209	Half-tap activator, 80/pkg.

NOTE: For testing equipment, tools, labels, and other accessories, please see the Accessories section of this catalog.

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