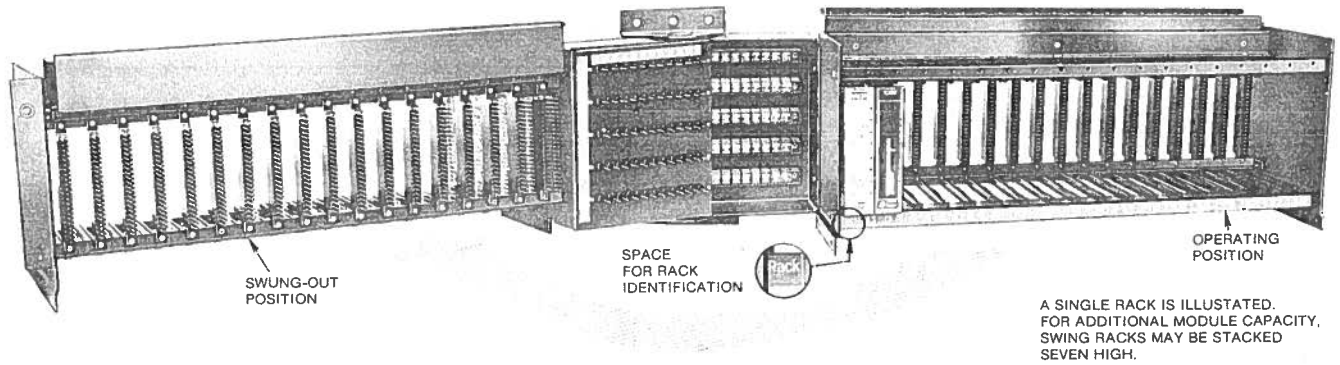


# SWING RACK

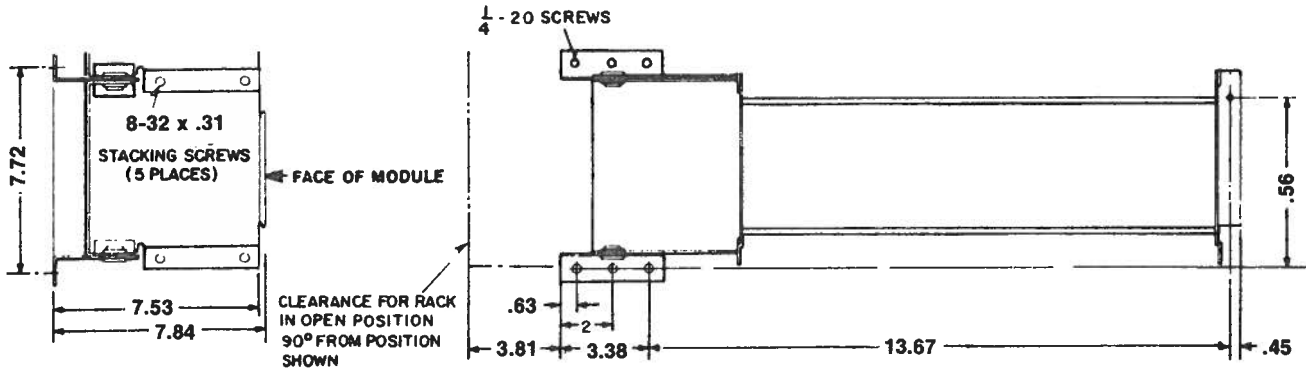
## Catalog Nos. NLR-309, 318

### DESCRIPTION

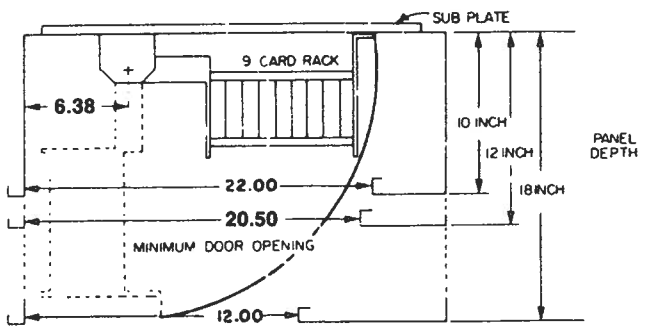
Swing racks pivot to the left permitting easy access to the wiring and are available in 9 card (NLR-309) and 18 card (NLR-318) versions. Each rack includes sufficient terminal strips to handle all inputs and outputs. These racks may be stacked up to seven high; however, a rack support bracket (NLSB-300) may be required when stacking more than three high.



### DIMENSIONS in inches for 9-position rack

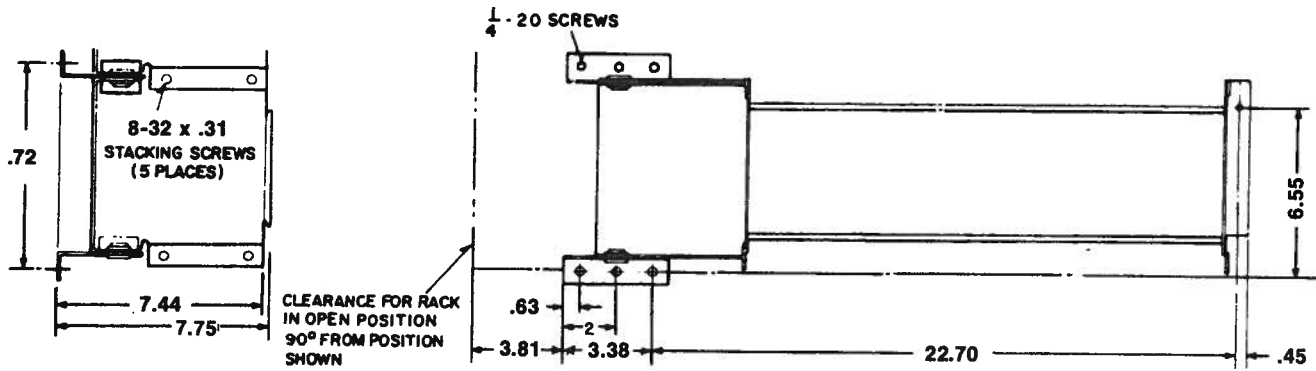


### MINIMUM PANEL DOOR OPENINGS FOR VARIOUS PANEL DEPTHS (TOP VIEW)

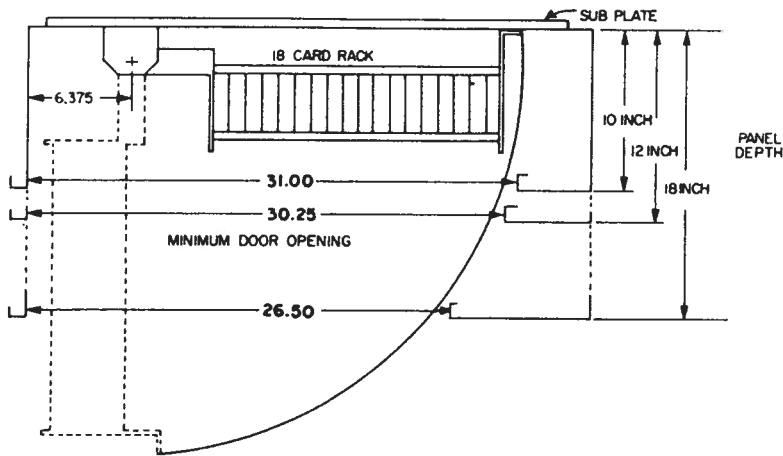


# SWING RACK

DIMENSIONS in Inches for 18-position rack



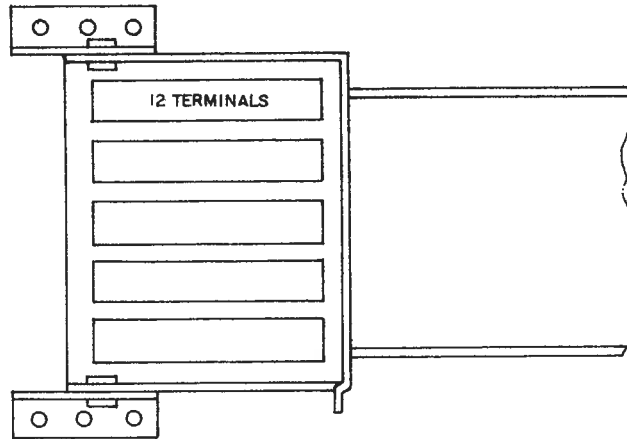
## MINIMUM PANEL DOOR OPENINGS FOR VARIOUS PANEL DEPTHS (TOP VIEW)



## TERMINAL BLOCK ARRANGEMENTS

NLRS-309 HAS  
5 TERMINAL STRIPS OR  
60 TERMINALS TOTAL

NLRS-318 HAS  
5 TERMINAL STRIPS OR  
60 TERMINALS TOTAL



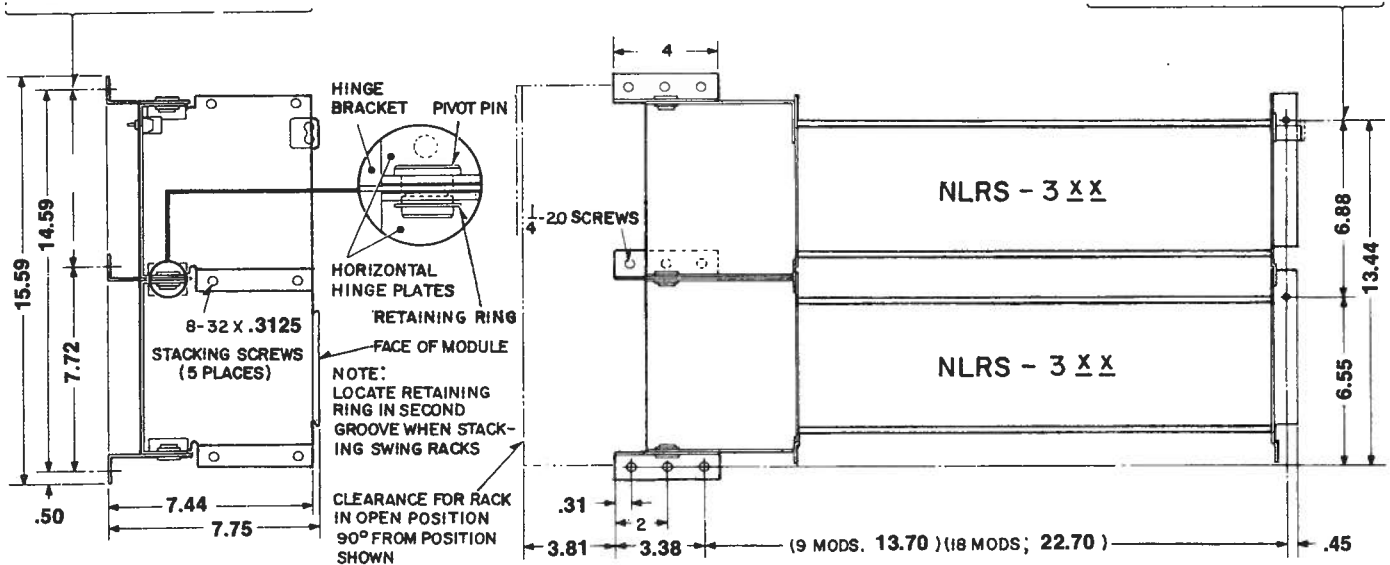
## APPLICATION EXAMPLES

### 1. Stacking Two Swing Racks

**DIMENSIONS IN INCHES. NOT TO BE USED FOR CONSTRUCTION PURPOSES UNLESS APPROVED.**  
**MOUNTING RACK, SWING DESIGN NUMBER OF RACKS IN STACK LIMITED TO SEVEN.**

FOR EACH ADDITIONAL RACK, HINGE HOLE CENTERS  
WILL BE IN INCREMENTS OF 6.88

FOR EACH ADDITIONAL RACK, FLANGE HOLE CENTERS WILL BE  
IN INCREMENTS OF 6.88



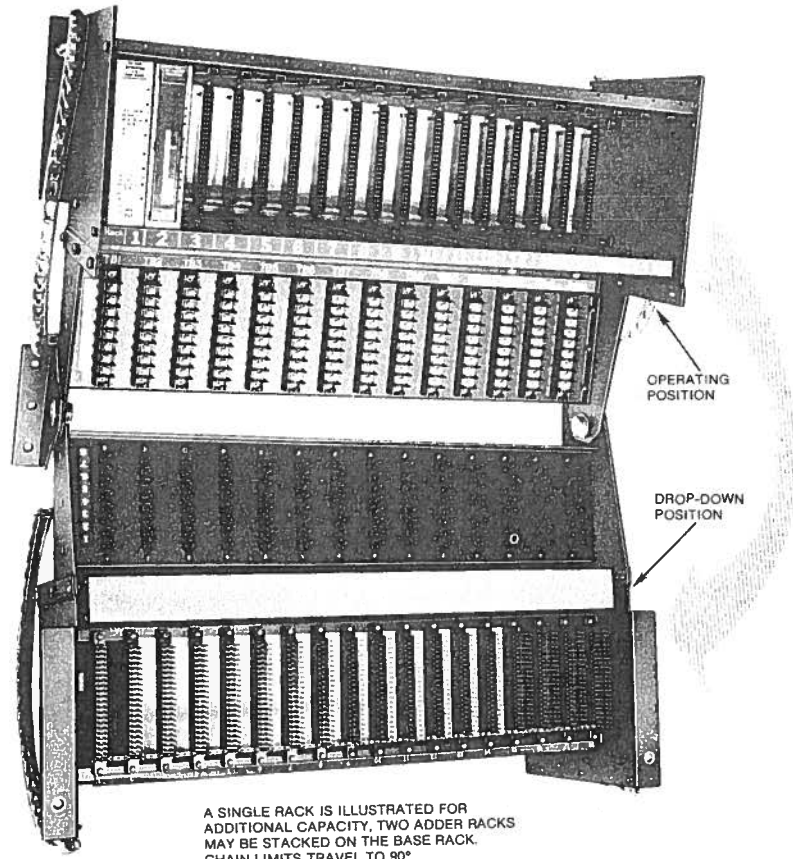


# DROP RACKS — STANDARD

## Catalog Nos. NLRD-318, 327 & NLRA-318, 327

### DESCRIPTION

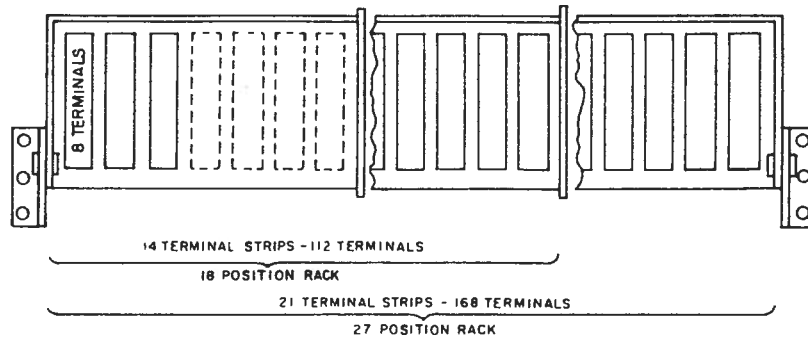
Base Drop racks drop down for access to the wiring and are available in 18 card (NLRD-318) and 27 card (NLRD-327) versions. Up to two adder racks (NLRA-318, 327) can be stacked on top of the base rack. Each base rack comes with sufficient terminal strips for connecting the inputs and outputs with a base rack and two adder racks.



A SINGLE RACK IS ILLUSTRATED FOR ADDITIONAL CAPACITY, TWO ADDER RACKS MAY BE STACKED ON THE BASE RACK. CHAIN LIMITS TRAVEL TO 90°

### TERMINAL BLOCK ARRANGEMENTS (8 Terminals/Strip)

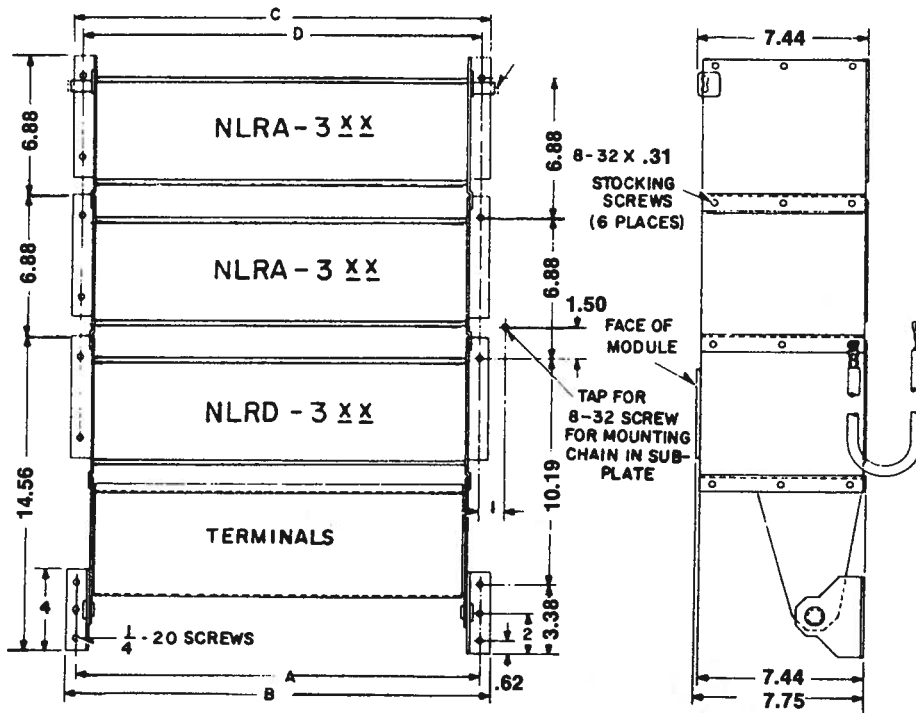
RACK	TOTAL TERMINALS
NLRD-318	112
NLRD-327	168



# DROP RACKS

## DIMENSIONS

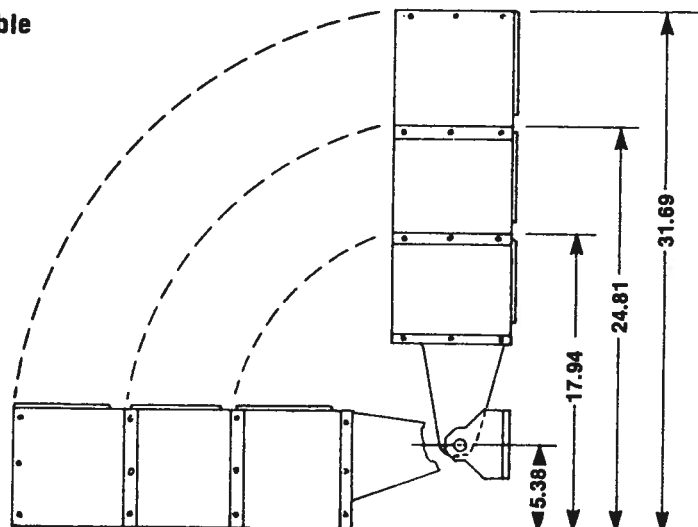
MOUNTING RACK, DROP DESIGN THREE RACKS HIGH MAX.



RACK WIDTH	DIMENSION			
	A	B	C	D
9 MODULES	11.04	11.54	11.50	10.59
18 MODULES	20.04	20.54	20.50	19.59
27 MODULES	29.04	29.54	29.50	28.59

## MINIMUM PANEL DOOR OPENINGS (SIDE VIEW)

With Base Rack for Single, Double or Triple Rack Stacking

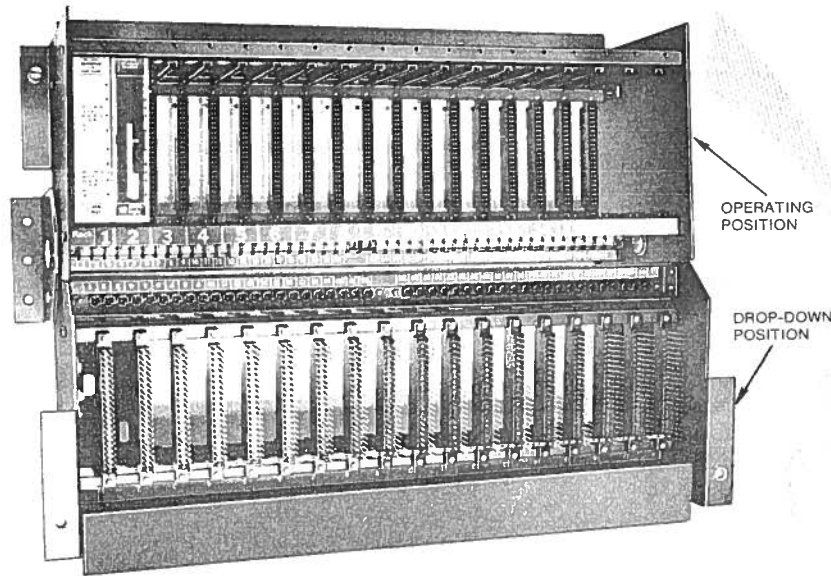


# DROP RACK—SPACE SAVER

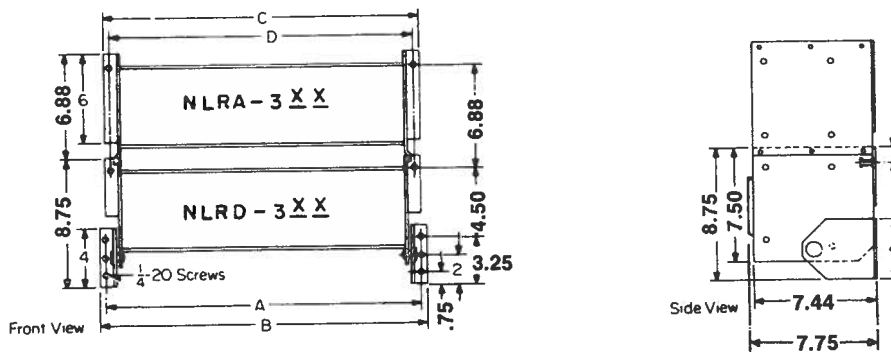
## Catalog Nos. NLRD-309M, 318M, 327M

### DESCRIPTION

Space Saver drop racks are available in 9 card (NLRD-309M), 18 card (NLRD-318M) and 27 card (NLRD-327M) versions. Only one adder rack (NLRA-309, 318, 327) may be stacked on top of the base rack. Each base drop rack includes terminal strips for connecting the inputs and outputs. For additional terminal strips change the catalog number suffix from M to M1.



MOUNTING RACK, DROP DESIGN  
2 RACKS HIGH MAX.

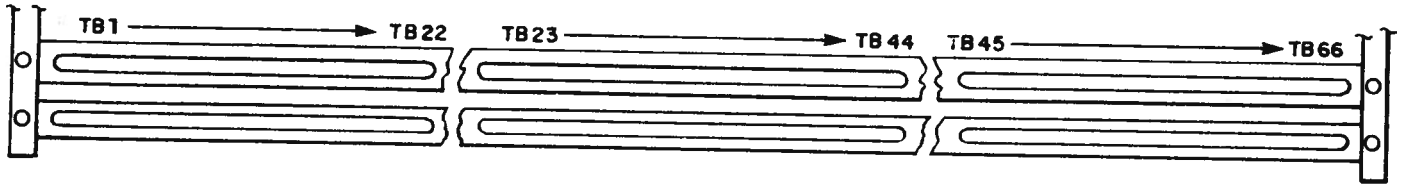


RACK WIDTH	DIMENSION			
	A	B	C	D
9 MODULES	10.88	11.88	11.50	10.59
18 MODULES	19.88	20.88	20.50	19.59
27 MODULES	28.88	29.88	29.50	28.59



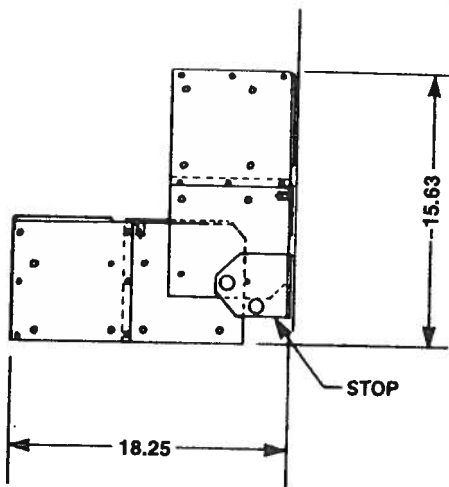
# DROP RACK — SPACE SAVER

## TERMINAL BLOCK ARRANGEMENTS (22 Terminals per Strip) (FRONT VIEW)



RACK SIZE	M SINGLE TERMINAL	M1 DOUBLE TERMINAL
9 MODULES	22	44
18 MODULES	44	88
27 MODULES	66	132

## MINIMUM PANEL DOOR OPENING (SIDE VIEW)





# BOARD EDGE CONNECTOR

Catalog No. NLRT-301

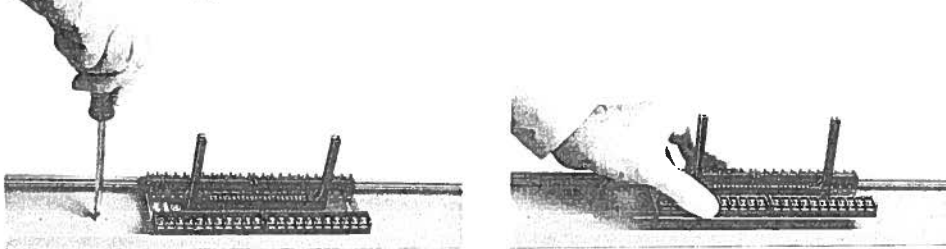
# SNAPTRACK™ MOUNTING RAIL

Catalog No. NLST-300

## DESCRIPTION

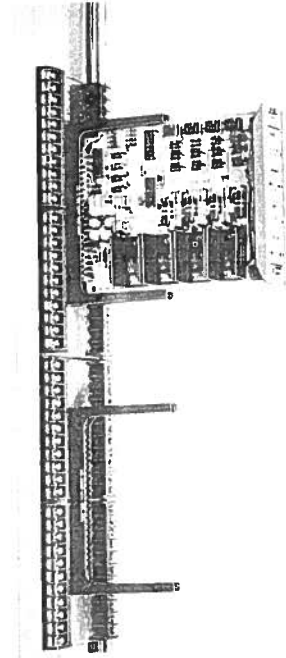
Conveniently mounts single modules. Provides 44 terminal screws for field wiring. Saves time in panel mounting systems when only a few modules are required. Mounts on SNAPTRACK\* mounting channel.

## SNAPTRACK MOUNTING SYSTEM

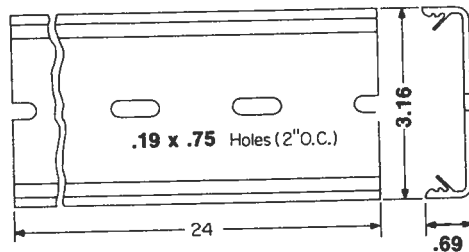


1. After marking track mounting holes on the panel and drilling holes, the track is mounted with rivets or screws (adhesives may also be used).
2. SNAPTRACK connector assembly is quickly snapped into any position on the mounting track and can be moved to accommodate additional assemblies.

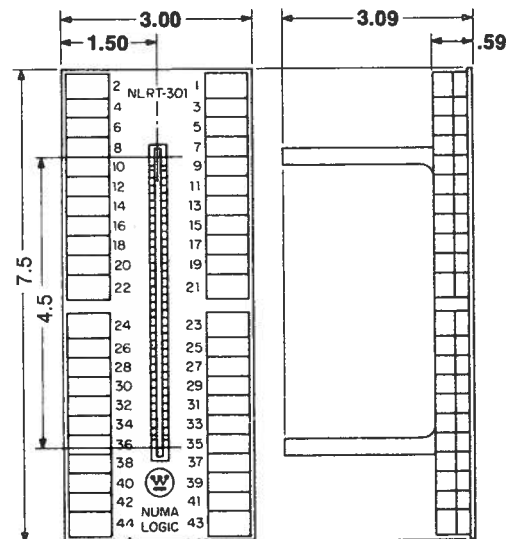
\*Trademark of Reed Devices, Inc.



## DIMENSIONS, SNAPTRACK Mounting Rail



## DIMENSIONS, Board Edge Connector



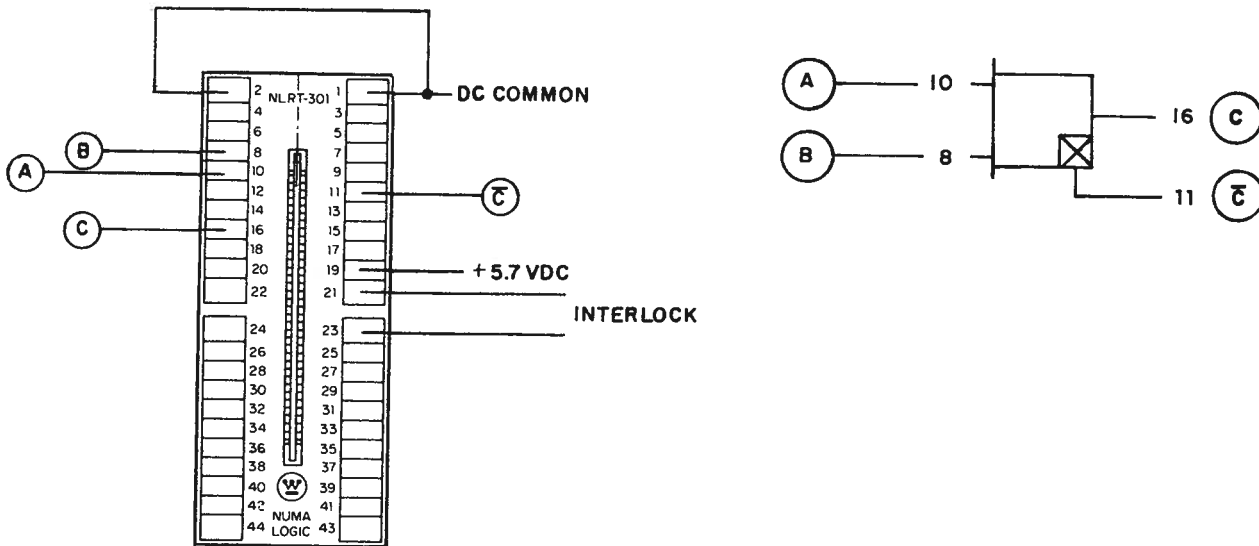
CONNECTOR PIN NUMBERS  
(FRONT VIEW)

# BOARD EDGE CONNECTOR

# SNAPTRACK MOUNTING RAIL

## APPLICATION NOTES

1. Wiring example, illustrating connections for one gate of an NL-342L AND module.



2. Method of mounting.

