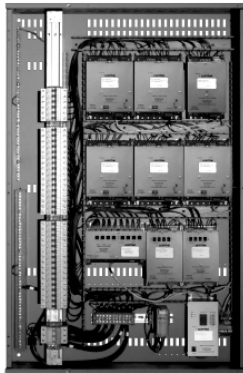


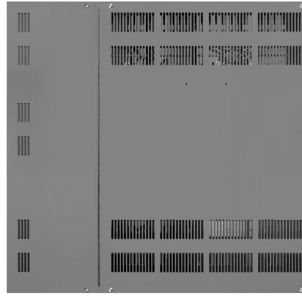
# Quantran™ Dimmer Racks



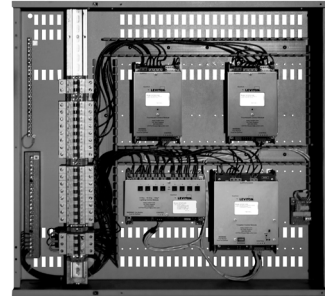
48 Channel Rack with Door



48 Channel Rack without Door



24 Channel Rack with Door



24 Channel Rack without Door

## DESCRIPTION

Leviton configurable Quantran™ Racks use load control devices as an integral part of the system. Dimmers operate using either DMX or mBus control protocols and are available for a variety of load types to suit your project needs.

## FEATURES

- Accommodate QS-Net or mBus dimming and switching modules
- Branch circuit overcurrent protection
- Main Breaker- 63A, 3 Phase
- Cabinets have space for additional O/P MCBs
- Earth ground & neutral Bus bars
- All metal construction with nitro blue finish segregated compartments for power and control terminations
- MCB DIN branch circuit breaker rail is of sufficient length to allow for a 2nd I/P device and up to 25% more MCBs than dimmer channels
- Ventilation by natural convection
- No electronic items, including the choke or thyristors, are fitted directly to the cabinet to use it as a heat sink
- Power modules and all wiring remain fully enclosed and protected when the door is opened for user protection when access is required
- Factory supplied raceway, wiring, breakers and dimmer modules per customer specifications
- Racks are fully configurable and built to customer specifications

## CONFIGURABLE OPTIONS

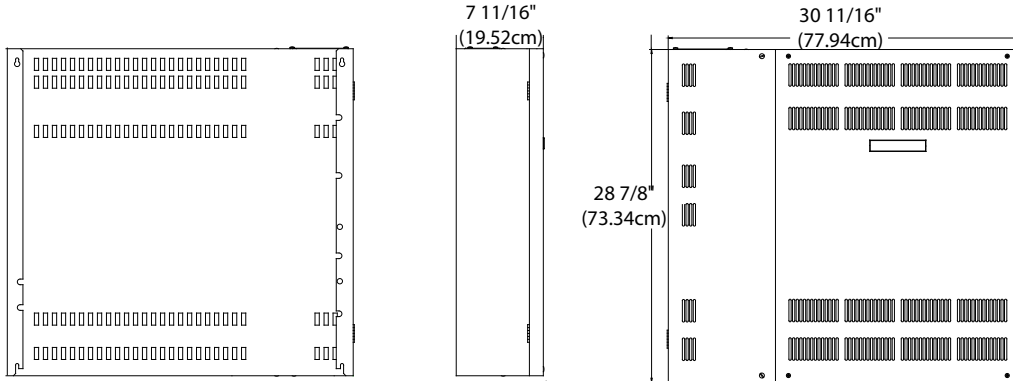
- Module Type
  - Any combination of Quantran dimmer modules can be installed in the rack subject to the physical space constraints of the rack
- Main Breaker
  - 3 Phase, 63A GE EPC63C40 standard
  - Others available upon request
- Overcurrent Protection (MCB/Branch Circuits)
  - 16A, 10A, or 6A – GE EPC61C or equivalent
  - RCD available upon request
- Controller (NPDLR-CQT)
  - In 24 channel rack must be specified in row 2 position 4
  - Dedicated space in 48 channel rack
- Other custom-configured rack options are available

## SIZE CHART

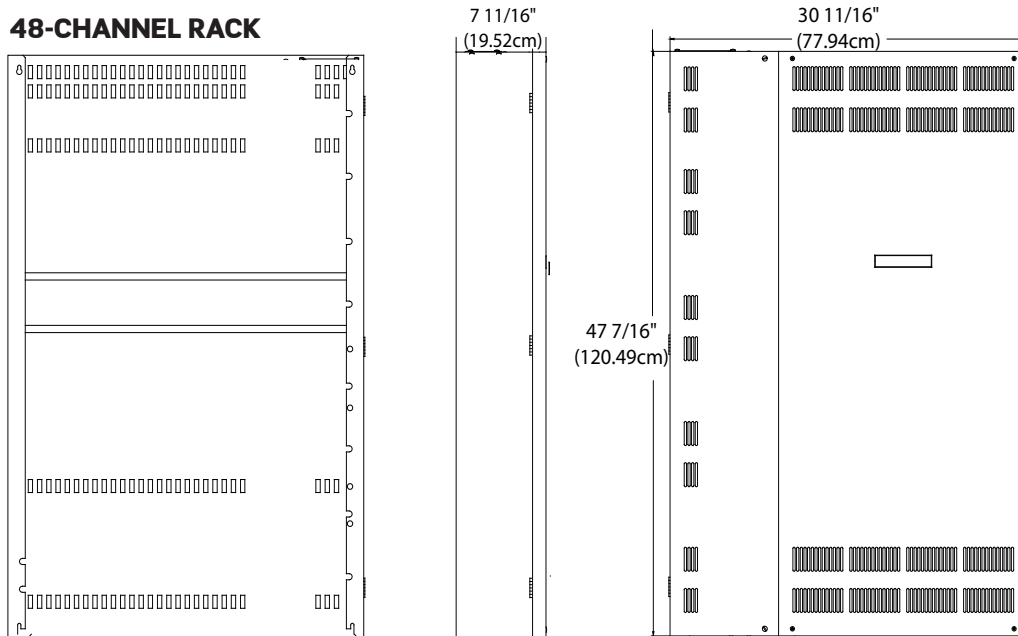
Rack	Width	Rows	Positions
QTR00-C24	19.00"	2	4
QTR00-C48	19.00"	3	4
Breakers			
QTD07-C04	4.50"	–	–
QTD0T-C14	6.12"	–	–
QTD0T-C24	9.25"	–	–
QTD0T-C32	6.12"	–	–
QTG0D-C04	4.50"	–	–
QTG0D-C08	7.75"	–	–
NPDLR-CQT	4.50"	–	–

# PRODUCT DATA

## 24-CHANNEL RACK



## 48-CHANNEL RACK



### SPECIFICATIONS

	24 CHANNEL	48 CHANNEL
Dimensions	30 11/16" x 7 11/16" x 28 7/8" (85.56cm x 19.25cm x 73.34cm)	30 11/16" x 7 11/16" x 47 7/16" (85.56cm x 19.23cm x 120.49cm)
Environmental	Ambient temperature 32-104°F (0-40°C)	
Input Ratings	220/380VAC, or 240/415VAC, 3-phase, power input, 50/60 Hz	

### ORDERING INFORMATION

CAT NO.	DESCRIPTION
QTR00-C24	24 Channel Rack no breakers 220/380VAC or 240/415VAC, 3 Phase x 63A Max
QTR00-C48	48 Channel Rack no breakers 220/380VAC or 240/415VAC, 3 Phase x 63A Max
QTRBB-C06	6A Branch breaker for factory installation into configured rack
QTRBB-C10	10A Branch breaker for factory installation into configured rack
QTRBB-C16	16A Branch breaker for factory installation into configured rack
QTRMB-C63	63A 3 Phase main breaker for factory installation into configured rack
QTRMB-CFL	Breaker space filler for use in configured racks, 1 required for each space that does not contain a breaker
NPDLR-CQT	DLR with ATC & BACnet for factory installation into configured rack

### Leviton Mfg. Co., Inc. Lighting & Energy Solutions