

Electronic Timer Control - Expanded 8-Pole Lighting Contractor Box, 120 - 600 VAC, 60 Hz, 2x 4PST, Outdoor Metal Enclosure

Item ETCB28458PCR



PRODUCT DESCRIPTION

The ETCB28458PCR Expanded 8-Pole lighting Contractor Box provides an easy-to-install solution for a variety of application needs. The Contractor Box comes with a pre-installed Astronomic timer with 7-day, holiday/exception period scheduling, USB for Schedule transfer and Backup, (2) electrically held 40 A contactors, as well as inputs for overrides and surge protective devices.

FEATURES

- ▶ 7-Day/365 Day Astronomic Scheduling
- ▶ Up to 96 Scheduling set points
- ▶ Up to 50 Holiday/Exception Period set points
- ▶ USB port for backing up or transferring schedules
- ▶ Built-in (2)40 A 4-Pole contactor for more robust loads.
- ▶ Input for optional "Timed" photo control override
- ▶ Input for other types of switches/sensors
- ▶ Terminals for adding Surge Protection
- ▶ 100-hour supercapacitor eliminates the need for battery replacement
- ▶ Requires 120 VAC 60 Hz for powering the control

APPLICATIONS

- ▶ Indoor Lighting Control
- ▶ Machinery & Pump Controls
- ▶ Motor Control
- ▶ Outdoor Lighting Control
- ▶ Timing/Scheduling ON/OFF

TECHNICAL DATA

General

Model Number	ETCB28458PCR
Description	Expanded 8-Pole Lighting Contractor Box, 120 - 600 VAC, 60 Hz, 2x 4PST, Outdoor Metal Enclosure
UPC Code	078275159198
Brand	Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	2-Year limited

Control Specifications

Minimum ON/OFF Times	1 min
Minimum Pulse Time	2 sec
Maximum ON/OFF Times	Indefinite
Operation Features	Astronomic; Holiday; Override
Backup Type	Supercapacitor
Backup Protection Time	100 Hour
On Events	48
Off Events	48
Total Events	96 (+ Astronomic)

Mechanical Specifications

Enclosure Type	Indoor/outdoor type 3 metal
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Dimensions	
Product Dimensions (H x W x D) in	20.875 x 12.875 x 4.75 in
Wire Size Min	#14 AWG
Wire Size Max	#4 AWG (Load Side)
Knockout Dimensions Bottom	(6) 1/2" - 3/4" combination, (4) 3/4" - 1" combination
Knockout Dimensions Left	(2) combination 1/2" - 3/4"
Knockout Dimensions Right	(2) combination 1/2" - 3/4"

Material Specifications	
Color	Gray

Communication Method	
Has WiFi	No

Load Ratings	
Electronic Ballast LED	16 A, 120/277 VAC
Resistive (NO) Range(s)	40 A
General Purpose (NO) Range(s)	40 A
Motor Load Ratings Ranges	32 A, 240-600 VAC FLA; 180 A, 240/277 VAC LRA; 150 A, 480 VAC LRA; 120 A, 600 VAC LRA; 5 HP, 240/277 VAC (1-Phase); 10 HP, 240/277 VAC (3-Phase); 15 HP, 480 VAC (3-Phase); 20 HP, 600 VAC (3-Phase)

Electrical Specifications	
Input Voltage Range(s)	120 VAC, 60 Hz
Switch Type	(2) 4xSPST
Electronic Series	ETCB Series
Hz	60
Amperage	40 A

Packaging	
Shipping Weight (lbs)	22
Unit Carton Dimensions (H x W x L) in	9.5 x 12.25 x 22.25 in

Environmental Specifications	
Temperature (operation)	-40 °F to 104 °F / (-40 °C to 40 °C)

Standards and Certifications	
UL Certification	cULus
Other Certifications and Compatibilities	Green Energy
California Proposition 65	Nickel; Lead
RoHS Certification	N/A