



GENERAL INFORMATION

The Unison RideThru option is one of two PowerSupport options designed for use in the ERn Control Enclosure and the DRd Dimming Enclosure when used with a Paradigm Architectural Control Processor. The RideThru option will provide power to the Paradigm Control Processor for at least 12 seconds during brief power outages or dropouts.

APPLICATIONS

- Houses of Worship
- Hotels
- Convention Centers
- Theatres
- Meeting Rooms
- Schools
- Museums
- Restaurants
- Themed Entertainment

FEATURES

- Designed for use in all Unison DRd and ERn Enclosures
- Compatible with Paradigm Architectural Control Processors.
- Provides a minimum of 12 seconds of back-up power for a single Paradigm Architectural Control Processor
- Automatically engages when power is lost
- Recharges during normal power operation

GENERAL

- UL and cUL LISTED
- CE marked

ORDERING INFORMATION

Unison Ride-Thru Option

MODEL	DESCRIPTION
URTO	Unison Ride-Thru Option Kit

Unison Rack Enclosures

MODEL	DESCRIPTION
DRd6	6 Module Rack Enclosure (12 circuits)
DRd12	12 Module Rack Enclosure (24 circuits)
ERn2	2-slot Unison Control Enclosure
ERn4	4-slot Unison Control Enclosure

ERn Control Enclosures are available in rack mount and wall mount configurations

Compatible Control Processors

MODEL	DESCRIPTION
P-ACP	Unison Paradigm Architectural Control Processor

SPECIFICATIONS

GENERAL

- Provides power for a single Architectural Control Processor for at least 12 seconds
- UL and cUL LISTED
- CE Marked

FUNCTIONAL

- Designed for use in all Unison DRd and ERn Rack Enclosures
- Compatible with the Paradigm Architectural Control Processor
- Seamless transfer from charge to power output without user intervention
- Recharges during normal power operation
- Prevents the Architectural Control Processor from rebooting when power returns
 - Allows for immediate control of the full system as soon as normal power is present

MECHANICAL

- Mounts inside the Unison DRd or ERn Rack Enclosure
- Required connections made using included two-wire harness with no additional wiring required

ELECTRICAL

- Seamless transfer to battery power upon loss of incoming line power
- Provides 24vDC power for control processor during power loss
- Provides backup power for at least 12 seconds during power loss
- Automatically recharges from power feed
- Charging voltage 10.6V +/- 0.5 volts
- Factory provided connectors for wiring terminations
- UL and cUL LISTED, CE Marked

THERMAL

- Ambient room temperature: 0-40°C / 32-104°F
- Ambient humidity: 30-90% non-condensing.

PHYSICAL

Unison Ride-Thru Option Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
URTO	1.3	33.0	1.1	27.9	2.7	68.6

Unison Ride-Thru Option Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
URTO	0.8	0.4	1.1	0.5

*Weights and dimensions typical



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Unison® products protected by one or more of the following: U.S. Patent No. 5,323,088, 6,849,943, and 5,352,958; European Patent No. 0603333; German Patent No. 69203609; US and International patents pending.