



ReadySwitch X™ Manual Transfer Switch

Rotary Switch Version* with Integrated Input Panel

100A- 400A 600 VAC Max

*For Interlocked Switch Version
See ReadySwitch O™ Brochure

Quickly connect and transfer between permanent and temporary power during natural disaster, power grid failure and system maintenance



ReadySwitch X™

Manual Transfer Switch

Rotary Version with Integrated Input Panel

INTRO: WHAT IS READYSWITCH X™

The **ReadySwitch X™** is a cULus Listed 1008 Rotary Style Manual Transfer Switch and an integrated Power Input Panel with 16 Series Cam-type inlets.

ReadySwitch X provides a safe, convenient, and economical way to connect and transfer between permanent and temporary power sources during natural disaster, power grid failure and system maintenance. Switching between temporary and permanent power is achieved with a single rotary switch.

Permanent input power is overcurrent protected with a 100% rated electronic circuit breaker in all Service Entrance Rated panels.

For overcurrent protection on the permanent and temporary inputs, see the **ReadySwitch Original** version with patented interlocking switch.



The ReadySwitch O™ Version

The ReadySwitch™ Manual Transfer Switch product line can be permanently installed between the Automatic Transfer Switch (ATS) and the backup power system; utility power and the facility; or as part of a sub panel within the electrical system depending on whether it's Service Entrance Rated or Non-Service Entrance Rated.

Equipped with **enhanced capabilities** in support of keeping the power on and businesses running, the **ReadySwitch X** offers an expanded variety of features **to suit your application**:

Functionality

- Service Entrance Rated (UL)
- Non-Service Entrance Rated

MAX Ratings:

- 100 Amp, 3 Phase, 4-Pole, 5-Wire, 600 VAC MAX*
 - 200 Amp, 3 Phase, 4-Pole, 5-Wire, 600 VAC MAX*
 - 400 Amp, 3 Phase, 4-Pole, 5-Wire, 480 VAC MAX
- *without phase rotation monitor



Remove the guess work and the need to open the locked door to see which source of power is active using indicator lights on the front of the panel.



Single handle transfer switch is easy to use for quick switching and lockable

Standard Features

- Phase Rotation Monitor (3-Phase units up to 480 VAC)
- Indicator lights on outputs that are visible from the outside of the unit
- (2) NEMA 5-20, 20A, 2-pole, 3-Wire, 125 VAC, Weather Resistant Straight Blade Duplex Receptacles protected by GFCI Breakers

Optional Features

- Stainless Steel construction (316 SS or 304 SS)
- Strip heater with thermostat
- (1) NEMA L5-30, 30 Amp, 2-pole, 3-wire, 125 VAC, locking receptacle

Service Entrance Rated Versus Non-Service Entrance Rated

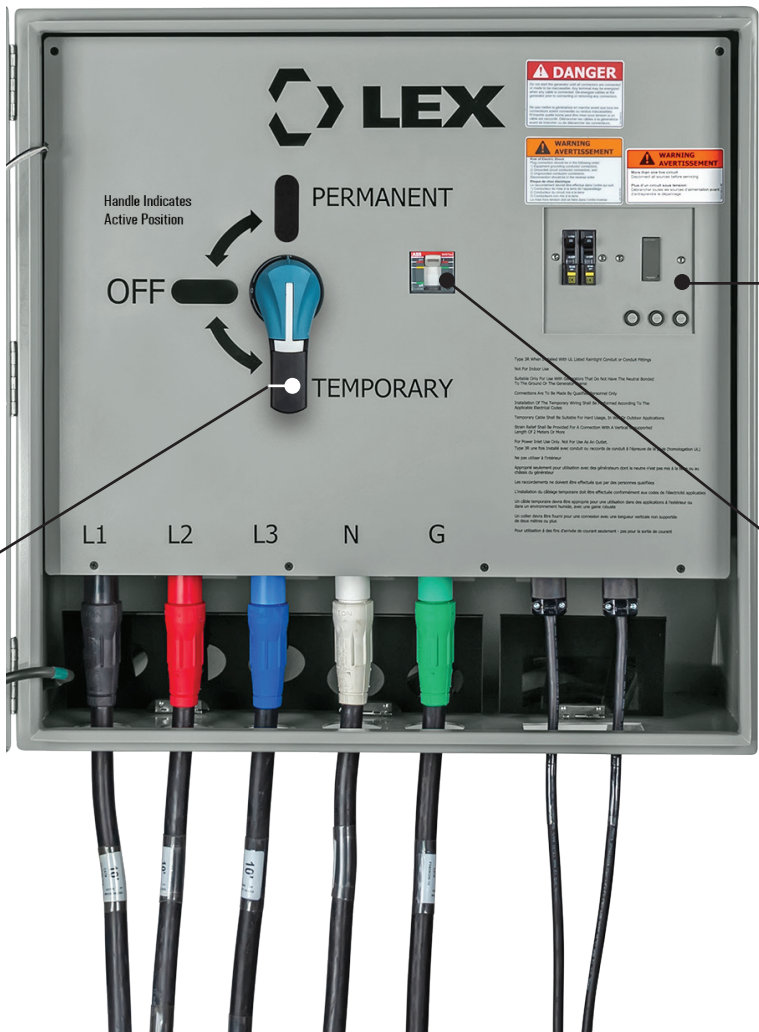
Service Entrance Rated

- Installed between the utility power and the facility
- First point of entry for electrical service into the building
- Used to switch from utility power to backup power for the entire system
- Permanent input power is overcurrent protected with a 100% rated electronic circuit breaker

Non-Service Entrance Rated

- Installed after the main distribution panel (MDP) of the facility
- Sub panel within the electrical system
- Used to switch from permanent power to backup power for specific electrical needs within the facility
- No overcurrent protection available

Service Entrance Rated (UL)



Quickly monitor the total loss of one or more phases and synchronization of phases with the Phase Rotation Monitor



(Service Entrance Only)
Electronic circuit breaker may be configured in the field to trip between 40% and 100% of its rated capacity enabling continuous operation at maximum capacity

ReadySwitch X™

Manual Transfer Switch

Rotary Version with Integrated Input Panel



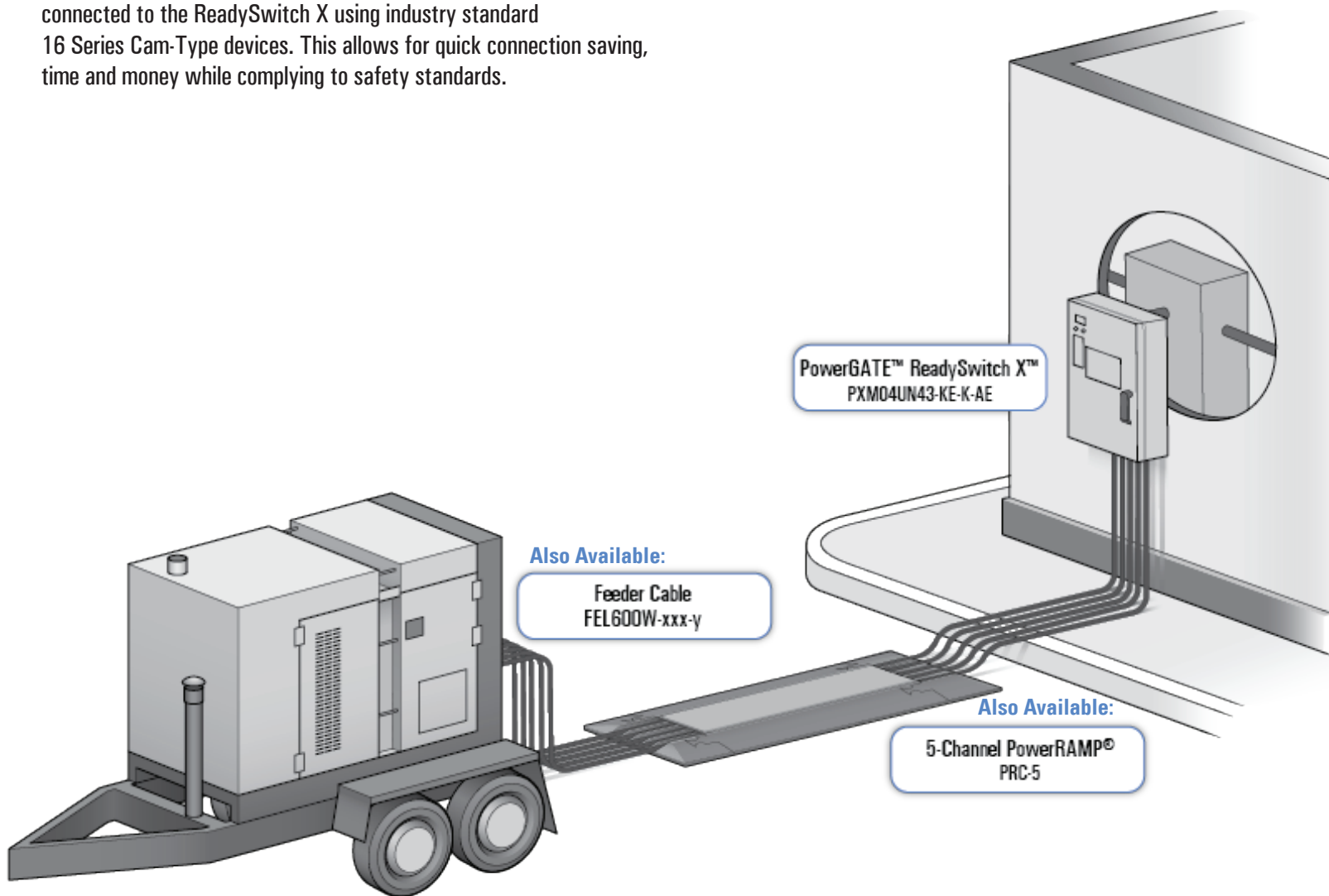
TYPICAL APPLICATION: HOW TO USE READYSWITCH X

The ReadySwitch X unit is mounted to the side of a facility during an electrical upgrade, new construction, or as preparation in a storm sensitive area. In times of no power activity, the device allows utility power to pass through.

Prior to (or during) a power outage, a portable generator would be connected to the ReadySwitch X using industry standard 16 Series Cam-Type devices. This allows for quick connection saving, time and money while complying to safety standards.

If a power outage does occur, the portable generator can be energized and the ReadySwitch X manual transfer switch can be toggled by any trained personnel.

Power is then restored to the facility without having to wait, saving your business money and profit.



For more information on ReadySwitch X uses and applications, request the ReadySwitch X Application Guide at 800.643.4460

WHY GO WITH THE READYSWITCH X?

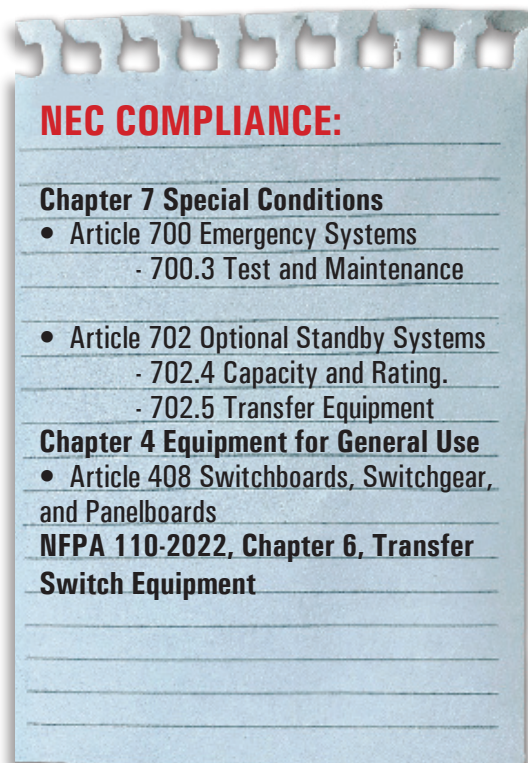
Safety

The ReadySwitch X is the safe way of transferring between permanent and temporary to prevent two sources of active power feeding the building at the same time.

The pad lockable, front door prevents unauthorized access and tampering with the device. The inward opening cable doors prevent access to the terminals and cable theft. The dead-front panel, installed during the initial set up and installation, prevents access from un-licensed personnel, and large graphic labels clearly identify the operations and connections so that only minimum level of training is needed to operate.

Combined with GFCI protection, phase rotation monitor, active power indicator lights, and optional strip heater, the ReadySwitch X is built to deliver the power for various backup system applications.

Meet project specification requirements with the ReadySwitch X, which satisfies applicable requirements of NFPA 70®, National Electrical Code® (NEC®):



Convenience

The ReadySwitch X paired with a portable generator avoids the costly purchase and yearly maintenance fees of a permanent generator. By employing rented generators on an as-needed basis, the ReadySwitch X provides significant costs savings over expensive permanent generator installations.

The integrated Power Input Panel eliminates the need for an additional panel, providing cost savings in equipment and installation labor.

Permanent Solution for Temporary Power applications including:

Gas Stations | Convenience Stores

Pharmacies | Grocery | Restaurants

Health Care Facilities | Universities

Security | IT Firms | Financial Centers

Water Treatment Facilities

Distribution Centers

Temperature Controlled Storage

The panel design allows easy set-up and operation, eliminating the need for highly trained or licensed electricians to operate and connect the temporary generator.

In addition, while permanent generators require regular and complex maintenance schedules, the ReadySwitch X requires only annual inspections.

ReadySwitch X™ Ordering Information

Standard Part Numbers*



Service Entrance Rated



Non-Service Entrance Rated

100 Amp, 3 Phase (H,H,H,N,G), 4-Pole, 5-Wire, 120/208 VAC, 35 KA SCCR

Part Number	PXM01US13-KE-K-AE	PXM01UN13-KE-K-AE
Environmental Rating	NEMA 3R (Outdoor Use)	
Temporary Input	(5) 16 Series Cam-type, 400 Amp, single pole, 600V, BRBWG (H,H,H,N,G)	
Overcurrent Protection	PERMANENT – (1) 100 Amp, 600 VAC triple-pole, adjustable electronic, branch-rated circuit breaker, 65 KAIC, 100% rated ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers	PERMANENT – None ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers
Enclosure	Powder Coated Aluminum, wall mounted	
Dimensions / Weight	30”L x 30”W x 16.21”D / XXX lbs.	

100 Amp, 3 Phase (H,H,H,N,G), 4-Pole, 5-Wire, 480/277 VAC, 35 KA SCCR

Part Number	PXM01US43-KE-K-AE	PXM01UN43-KE-K-AE
Environmental Rating	NEMA 3R (Outdoor Use)	
Temporary Input	(5) 16 Series Cam-type, 400 Amp, single pole, 600V, BOYWG (H,H,H,N,G)	
Overcurrent Protection	PERMANENT – (1) 100 Amp, 600 VAC triple-pole, adjustable electronic, branch-rated circuit breaker, 65 KAIC, 100% rated ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers	PERMANENT – None ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers
Enclosure	Powder Coated Aluminum, wall mounted	
Dimensions / Weight	30”L x 30”W x 16.21”D / XXX lbs.	

200 Amp, 3 Phase (H,H,H,N,G), 4-Pole, 5-Wire, 120/208 VAC, 35 KA SCCR

Part Number	PXM02US13-KE-K-AE	PXM02UN13-KE-K-AE
Environmental Rating	NEMA 3R (Outdoor Use)	
Temporary Input	(5) 16 Series Cam-type, 400 Amp, single pole, 600V, BRBWG (H,H,H,N,G)	
Overcurrent Protection	PERMANENT – (1) 200 Amp, 600 VAC triple-pole, adjustable electronic, branch-rated circuit breaker, 65 KAIC, 100% rated ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers	PERMANENT – None ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers
Enclosure	Powder Coated Aluminum, wall mounted	
Dimensions / Weight	30”L x 30”W x 16.21”D / XXX lbs.	

Need Assistance? Contact Us:

Phone: 800.643.4460

Email: info@lexproducts.com



Service Entrance Rated



Non-Service Entrance Rated

200 Amp, 3 Phase (H,H,H,N,G), 4-Pole, 5-Wire, 480/277 VAC, 35 KA SCCR

Part Number	PXM02US43-KE-K-AE	PXM02UN43-KE-K-AE
Environmental Rating	NEMA 3R (Outdoor Use)	
Temporary Input	(5) 16 Series Cam-type, 400 Amp, single pole, 600V, BOYWG (H,H,H,N,G)	
Overcurrent Protection	PERMANENT – (1) 200 Amp, 600 VAC triple-pole, adjustable electronic, branch-rated circuit breaker, 65 KAIC, 100% rated ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers	PERMANENT – None ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers
Enclosure	Powder Coated Aluminum, wall mounted	
Dimensions / Weight	42”L x 38”W x 18.34”D / XXX lbs.	32”L x 38”W x 18.34”D / XXX lbs.

400 Amp, 3 Phase (H,H,H,N,G), 4-Pole, 5-Wire, 120/208 VAC, 35 KA SCCR

Part Number	PXM04US13-KE-K-AE	PXM04UN13-KE-K-AE
Environmental Rating	NEMA 3R (Outdoor Use)	
Temporary Input	(5) 16 Series Cam-type, 400 Amp, single pole, 600V, BRBWG (H,H,H,N,G)	
Overcurrent Protection	PERMANENT – (1) 400 Amp, 600 VAC triple-pole, adjustable electronic, branch-rated circuit breaker, 65 KAIC, 100% rated ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers	PERMANENT – None ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers
Enclosure	Powder Coated Aluminum, wall mounted	
Dimensions / Weight	42”L x 38”W x 18.34”D / XXX lbs.	32”L x 38”W x 18.34”D / XXX lbs.

400 Amp, 3 Phase (H,H,H,N,G), 4-Pole, 5-Wire, 480/277 VAC, 35 KA SCCR

Part Number	PXM04US43-KE-K-AE	PXM04UN43-KE-K-AE
Environmental Rating	NEMA 3R (Outdoor Use)	
Temporary Input	(5) 16 Series Cam-type, 400 Amp, single pole, 600V, BOYWG (H,H,H,N,G)	
Overcurrent Protection	PERMANENT – (1) 400 Amp, 600 VAC triple-pole, adjustable electronic, branch-rated circuit breaker, 65 KAIC, 100% rated ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers	PERMANENT – None ACCESSORY – (2) 20 Amp, 125 VAC, single-pole, GFCI, hydraulic magnetic, branch-rated circuit breakers
Enclosure	Powder Coated Aluminum, wall mounted	
Dimensions / Weight	42”L x 38”W x 18.34”D / XXX lbs.	32”L x 38”W x 18.34”D / XXX lbs.

See The Full PowerGATE™ Family

The Lex Products PowerGATE™ family is designed for use where temporary power connections are needed most.

Our product line includes company switches, emergency transfer switches, power input and output panels and manual transfer switches.



COMPANY SWITCH

POWER PANELS

READY SWITCH

ADDITIONAL INDUSTRIAL PRODUCT OFFERINGS

LEX PRODUCTS HAS DESIGNED PRODUCTS TO THRIVE IN HARSH PORTABLE ENVIRONMENTS



Power Distribution Boxes



Cable Assemblies



Cable Protectors



Work Lights



- Manufacturing and Stocking Facilities Across U.S.
- Pioneered Use of Rubber Enclosures
- Markets Served Include Industrial, Entertainment & Military
- ISO 9001:2008 Certification
- AS9100:2009 Rev. C
- Diverse Patent Portfolio
- Custom Engineered Solutions
- Vertically Integrated Products



Ready Switch 0™ (Original)



Input and Output Power Panels



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203.363.3738
203.363.3742 Fax

Lex South
15751 SW 41 Street
Suite 300
Davie, FL 33331
954-888-1024
954-888.1026 Fax

Lex West
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Suite 0
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1820 Broadway
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