

## OVERVIEW

The DMX512A *SmartBreaker* Panel is a DMX panel that turns on and off *SmartBreakers*. Like the *SmartBreaker* Panel, the DMX512A *SmartBreaker* Panel uses solenoid operated thermal magnetic breakers to combine over-current protection and lighting control into a single package. The DMX512A *SmartBreaker* Panel may use any start address from 1 – 512 with all subsequent breaker addresses consecutively following the start address.

## FEATURES

- Seamless integration into any DMX-based control system
- Ability to mix controlled and conventional breakers in the same panelboard
- Main lugs or main breakers
- Retrofit chassis

## Warranty

Three-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



## GR 2400™ DMX512A *SmartBreaker Panel*



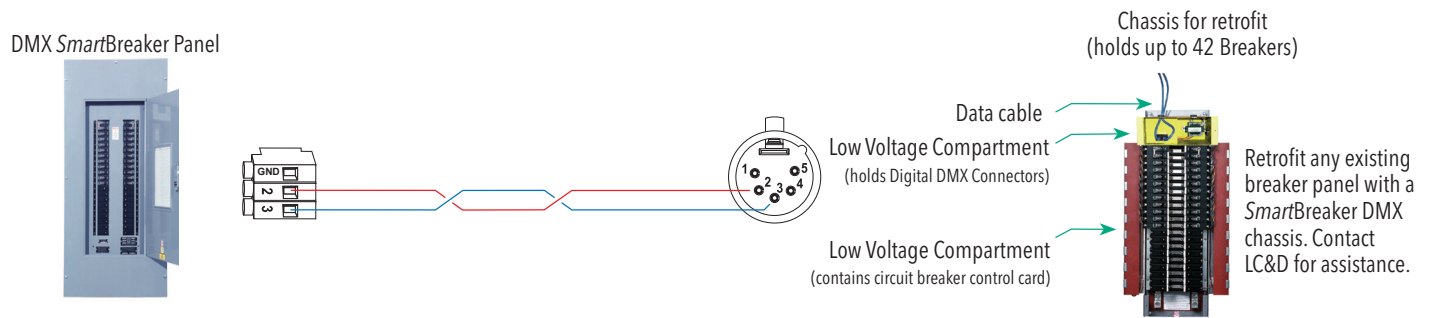
## ORDERING INFORMATION

SMARTBREAKER PANEL			Example: DMXSBP CHASSIS 120V208V 100AMP MAIN 14K SM NE1 TOP		
System and Type	Feed Voltage	Feed Current	Feed Type <sup>2</sup>		AIC
DMXSBP CHASSIS	120V208V 120V240V 277V480V <sup>1</sup>	100AMP 225AMP 400AMP 600AMP	MAIN <sup>1</sup> Main breaker MLO <sup>2</sup> Main lug only MLODL <sup>2</sup> Main lug only with double lugs		14K <sup>2</sup> 65K <sup>1</sup>
Clock Option	Enclosure Mounting & NEMA Rating		Feed Orientation		
REMOTE Remote Panel	SM NE1 FM NE1 SM NE4 SM NE4X SM NE12	Surface Mount, NEMA 1 Flush Mount, NEMA 1 Surface Mount NEMA 4 Surface Mount NEMA 4X Surface Mount NEMA 12	BOTTOM Bottom feed TOP Top feed		
DMX SMARTBREAKER PANEL BREAKERS			AMPERE RATING TABLE		
System and Type	Breakers and Breaker Accessories		Remote Breakers		
			1- or 2-Pole	1-Pole	2- or 3-Pole
GR 2400SBP BKR	1P(amp)ARB 1-Pole remote breaker 2P(amp)ARB 2-Pole remote breaker 1P(amp)ABB 1-Pole branch breaker 2P(amp)ABB 2-Pole branch breaker 3P(amp)ABB 3-Pole branch breaker BSPC Breaker spacer CLIP Locking clip		15 20 25 30	15 20 25 30 35 40 45 50 60 80	15 20 25 30 35 40 45 50 60 70 90 95 100
<p>Due to the complexity of this product, breakers must be entered as separate line items following the chassis code. Enter quantities as part of the line entry. Note that one 20A 1P breaker must be reserved to provide power for control electronics.</p> <p>If you have not filled all 42 breaker positions, you must order the difference in breaker spacers (BSPC) (example: if a 225A feed current panel had 32 1-pole breakers were specified, then 10 breaker spacers would be required, or if 20 2-pole breakers were specified, two BSPC would be needed, or for 12 3-pole breakers, you would need six).</p>					

<sup>1</sup> = If feed voltage is specified 277V480V and AIC is specified 65K, then feed type must be MAIN.

<sup>2</sup> = AIC Rating for MLO or MLODL panel(s) is set at 14K AIC if feed voltage is specified 277V480V.

## OVERVIEW



## Title 24 System Component

## SPECIFICATIONS

Enclosure type:	Surface mount, hinged locking door, NEMA 1
Optional enclosures:	Surface mount NEMA 4, NEMA 4X and NEMA 12 Flush mount NEMA 1
Standard panel configurations:	100–600A Main lugs or main breakers 120/208VAC (3 phase, 4 wire) 120/240VAC (1 phase, 3 wire) 277/480VAC (3 phase, 4 wire)
Solenoid breaker configurations:	Single pole 15A, 20A, 30A Double pole 20A, 30A
AIC rating:	65k @ 120/208VAC (main only) 14k @ 277/480VAC
Power supply inputs:	120/277VAC
Max. humidity:	10–90% non-condensing
Ambient temperature:	32–104° F (0–40° C)
Bus physical layer:	DMX512A
Listings:	UL listed