



Regenerative power door operator  
for moderate to high-traffic applications

# 5800

## SERIES ADAEZ<sup>®</sup>

LOW ENERGY OPERATOR

**Norton<sup>®</sup>**

**ASSA ABLOY**

ASSA ABLOY, the global leader  
in door opening solutions



### OVERVIEW

As one of the world's only regenerative power door operators, Norton's ADAEZ 5800's series is certified by GreenCircle to reduce energy consumption by as much as 100 percent versus other comparable operators. Available in wireless and plug-in versions and able to fit in the tightest of spaces, the 5800 Series ADAEZ is simple to install and use.

### FEATURES

- » Regenerative drive or continuous duty operation
- » Non-handed
- » 95° max. door opening
- » Push and pull side mounting
- » Push-and-Go (ADA1015P Kit must be connected)
- » Power Close (ADA1015P Kit must be connected)
- » RF Radio Frequency stainless steel push buttons
- » Integral RF receiver
- » Shock absorbing arm
- » 693T (black) and 689 (aluminum) covers standard
- » 24 VDC input port
- » ADA1015P hardware kit
- » Built-in ON/OFF Switch
- » Auxiliary activation input port
- » Maximum door width - 48"
- » Maximum door weight - 250 lbs
- » Patented Auto-Tune feature ensures safety and compliance with A156.19 code

### CERTIFICATIONS & COMPLIANCE

- » ANSI/BHMA A156.19 certified
- » ETL tested to UL/cUL standard for automatic doors on fire & smoke barrier doors
- » Complies with requirements for Americans with Disabilities Act (ADA)
- » UL10c 90-minute positive pressure fire rating

### BENEFITS

#### Simple Installation

- » Mounts on door
- » No voltage / low voltage power to opening
- » Includes stainless steel, weatherized RF push buttons
- » Patented Auto-Tune ensures safety & compliance

#### Flexible

- » Non-handed
- » Push and pull side mounting
- » Adjustable open/closing force
- » Controls doors up to 48" wide & 250 lbs
- » Functions like ordinary door closer when used manually

#### Dependable

- » Grade 1 – heavy-duty, commercial design
- » Protection from high-wind & abusive environments
- » Built-in battery backup allows use during power failure
- » Brushless DC motor/gearbox tested 10+ million cycles
- » Power Close ensures consistent door latching

### SUSTAINABILITY CONTRIBUTIONS

This product has been documented to help facilities meet sustainable building certification programs, including LEED, WELL, Living Building Challenge & Net Zero Energy.

- » Environmental Product Declaration
- » Health Product Declaration
- » Declare Label
- » GreenCircle Certification-validation of energy efficiency claims, as compared to similar operators:
  - › 5800 Series ADAEZ® (plug-in) – 91% efficiency
  - › 5800 Series ADAEZ® (wireless) – 100% efficiency



#### ADAEZ PRO COMPLETE

#### COMPLETE ADA DOOR OPENING SOLUTION IN ONE BOX!

Bundles all the configurations of the ADAEZ PRO and ADAEZ PRO PLUS models into one easy to stock package.

- » Right or left hand doors
- » Push AND pull side mounting hardware
- » Black AND aluminum finish covers
- » Mounting hardware for virtually any door and frame
- » 24 VDC Plug In Transformer Kit for Continuous Automatic Use



#### ADAEZ PRO

No Electrical Power Required – 25% Automatic use or less

- » Ideal for commercial, high traffic and manual opening applications that occasionally require automatic operation
- » Regenerative Drive System charges an onboard battery pack
- » For traffic patterns allowing for 80 door cycles per day, 25% automatic and 75% manual
- » The PRO requires no electrical connection and installs like a manual door closer

#### ADAEZ PRO PLUS

24 VDC Powered – Continuous Automatic Use

- » Commercial applications requiring Push-and-Go, Power Close, or Electric Lock Interface features
- » Includes 24VDC Power Supply
- » For traffic patterns requiring continuous automatic use or automatic use more than 25% of the time
- » PRO PLUS installs like a manual door closer

#### ONE UNIT WITH TWO APPLICATIONS



Push Side Mounting without electrical power



Pull Side Mounting with ADA1015P Hardwire Kit

#### 5800 ADAEZ OPERATOR ACTIVATION VIA WIRELESS INTERFACE MODULE

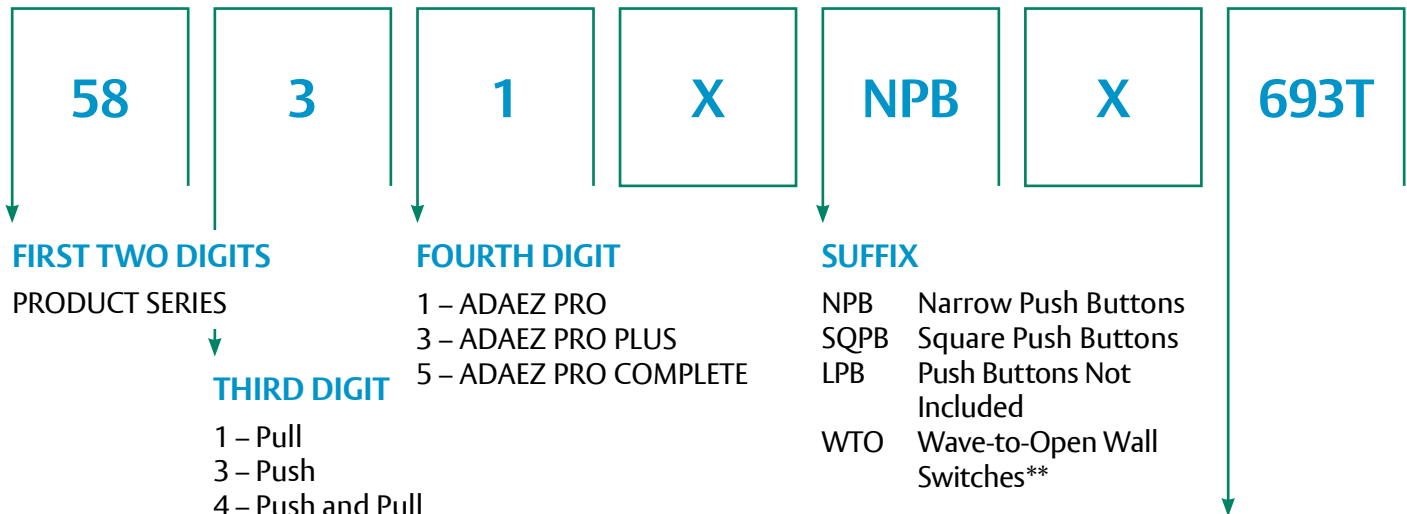
Seamlessly Interface to:

- » ADAEZ wireless push buttons
- » Wireless hand held remote
- » Electric locking devices
- » Access control system
- » Outside Push Button Disable: Privacy Feature
- » Emergency Interface Relay (EIR)



Order separately using p/n ADA1028

## HOW TO ORDER



Description	Specify Designation
Black Textured	693T
Aluminum	689

ADAEZ KITS	Model Number	Function		Description				
		PUSH	PULL	Narrow Style Buttons	Square Style Buttons	Wave-to-Open Switch	1015 Hardware Kit: 24 VDC	Aluminum Dress Cover
PRO	5831 x NPB	●		●				○
	5811 x NPB		●	●				○
PRO	5833 x SQPB	●			●			○
	5813 x SQPB		●		●			○
PRO PLUS	5833 x NPB	●		●			●	○
	5813 x NPB		●	●			●	○
PRO PLUS	5833 x SQPB	●			●		●	○
	5813 x SQPB		●		●		●	○
PRO COMPLETE	5845 x NPB*	●	●	●			●	●
	5845 x SQPB*	●	●		●		●	●
	5845 x WTO*	●	●			●	●	●

Note: \*5845 is shipped 693T x 689 finish  
 \*\*Only available for ADAEZ PRO COMPLETE

○ – Optional parts  
 ● – Standard parts



ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

Since 1880, Norton door controls have been an integral part of schools, hospitals and businesses around the globe. When you need products and people that perform at the highest level, rely on Norton – From Open to Close.

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