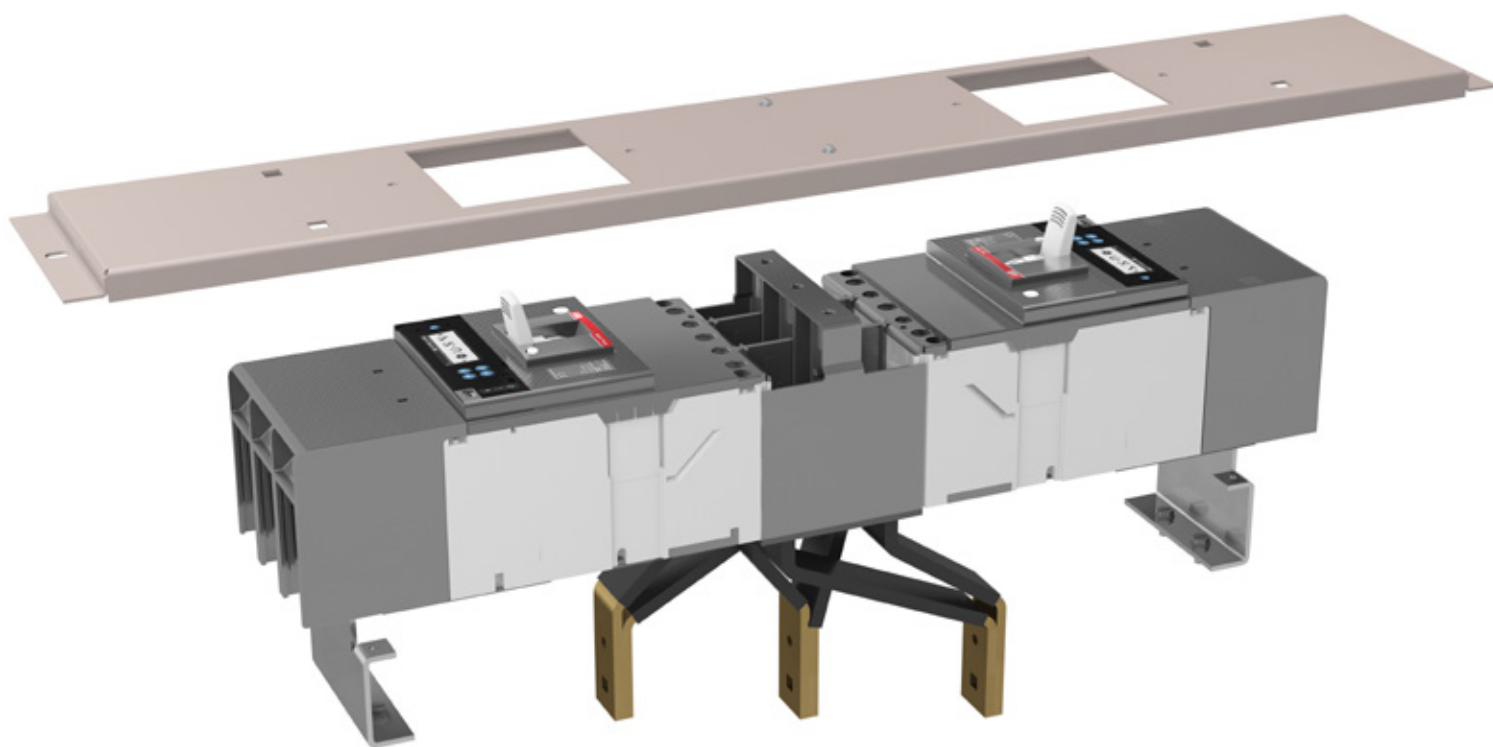POWER PANELBOARDS AND SWITCHBOARDS

Tmax® XT retrofit kits for Spectra™ panelboards
Extending the life of your installation
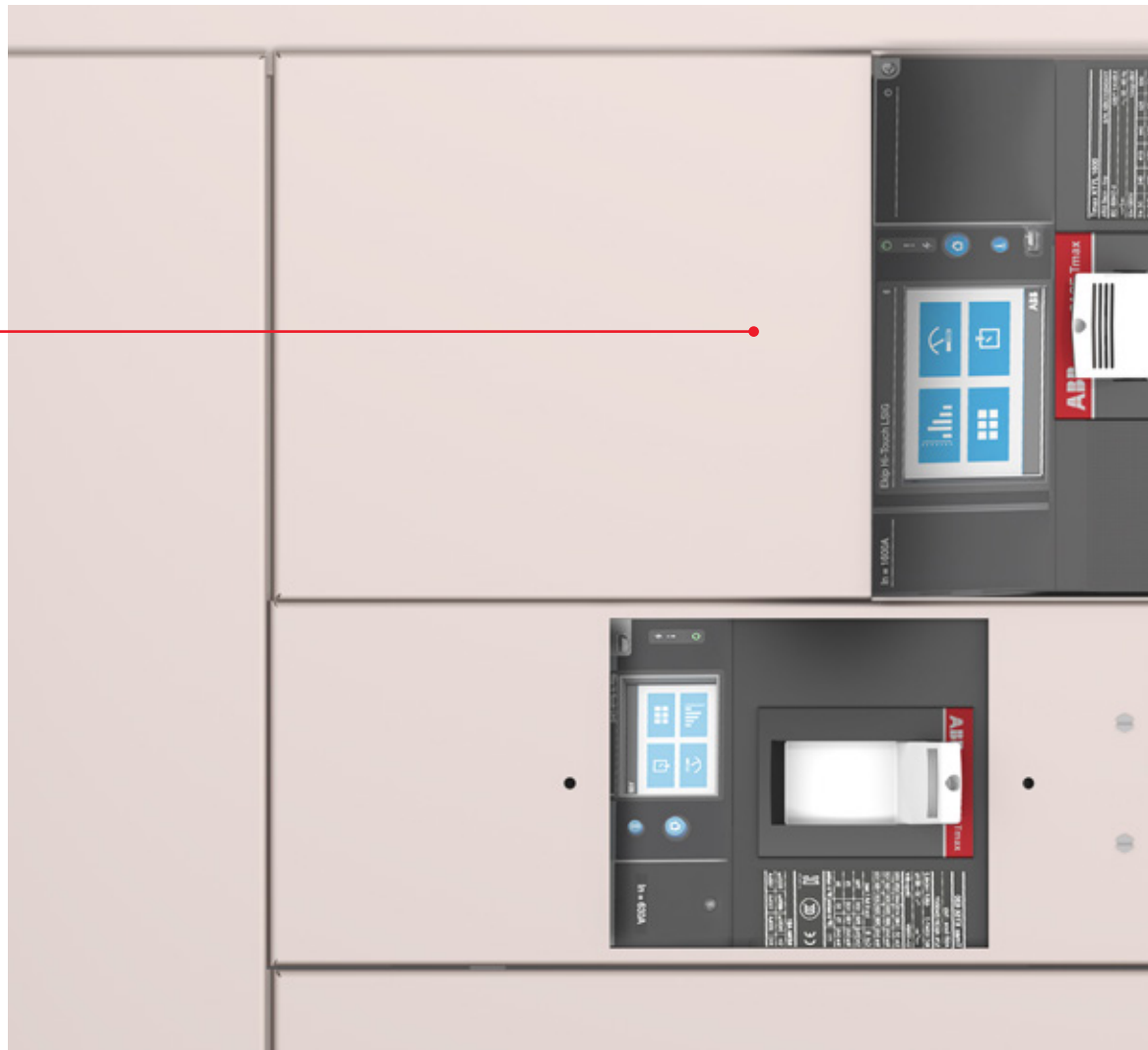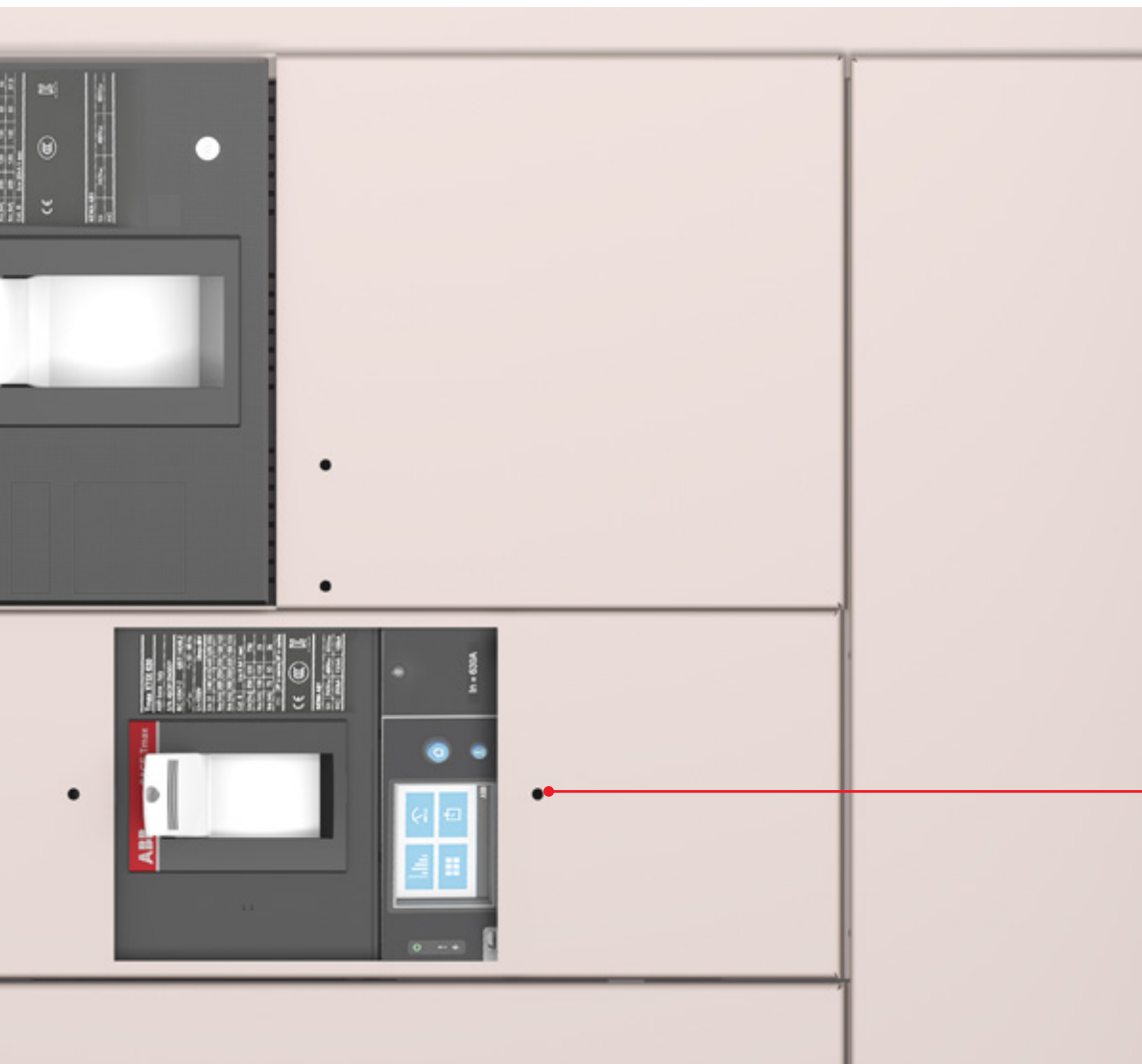
Tmax® XT retrofit kits for Spectra™ panelboards and switchboards

The right choice for your application

Single mount kits[01] available for 250 A, 600 A, 1200 A frames

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01 Maximum of two Tmax®
XT4, XT5 or XT7 retrofit kits
can be installed, side by
side, in an existing Spectra™
panelboard installation

Dual mount kits[01] available
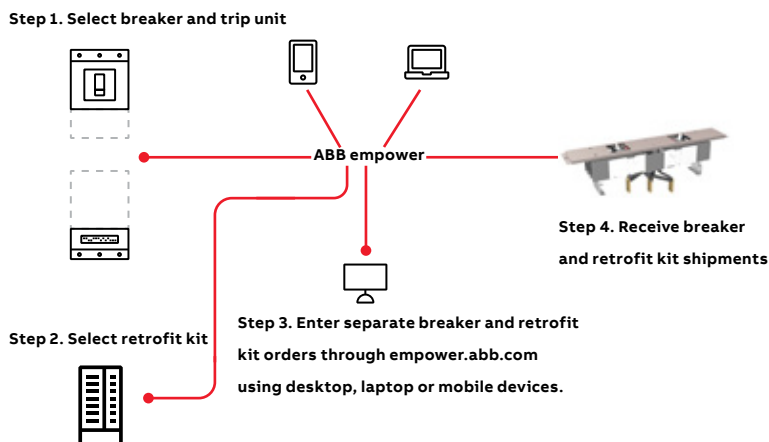for 150 A, 250 A, 400 A frames

Choosing the right retrofit has never been so easy

You consider what you need.
We will show you what's possible

The world of electrical distribution is a complex one, yet choosing the right device for your individual needs has never been simpler thanks to this Tmax® XT retrofit[01] offering for Spectra™ Panelboards and Switchboards. Maybe you are looking for a basic protection device for a standard distribution system.

Or perhaps you need something more complex, such as a locking mechanisms or devices that integrate protection, automation, measuring and communication into a cloud-based supervision system. Follow the flowchart when placing an order. All mounting kits, filler plates and hardware required are included under a single part number. Circuit breakers are ordered separately.[02]

Note: All installed retrofit kits must be documented and reviewed by local inspector for code compliance. Using Tmax XT circuit breakers with retrofit kits maintains UL 67 listing of the panelboard (UL file number E2366).

Step 1. Select breaker and trip unit

ABB empower

Step 4. Receive breaker and retrofit kit shipments

Step 3. Enter separate breaker and retrofit kit orders through empower.abb.com using desktop, laptop or mobile devices.

Step 2. Select retrofit kit

Bolt-on Strap Kits - Type SRFB

Example:	**SRFB**	**6**	**XT1**	**B**	**FPX**
		Poles	C/B Frame	Mounting	Accessory Code
		3	XT1 = Tmax® XT XT1	Blank = Main or Branch	FPX = With Filler Plate Kit (full width plates with cutouts for handles, etc.)
		6	XT4 = Tmax® XT XT4	B = Branch Only	
			XT5 = Tmax® XT XT5	M = Main Only	
			XT7 = Tmax® XT XT7		FPK = With Filler Plate Kit and Kirk Lock Provision

Neutral CT Kits - Type SRFN
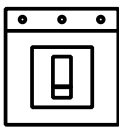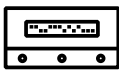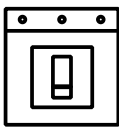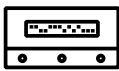
Example:	**SRFN**	**400**	**GF**
		Ampere Rating	Modification Code
		400 = 400A Tmax® XT XT5 [03]	GF = Tmax® XT Spectra™ Panel Neutral CT kit
		600 = 600A Tmax® XT XT5 [03]	
		800 = 800A Tmax® XT XT7	
		100 = 1000A Tmax® XT XT7	
		120 = 1200A Tmax® XT XT7	

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01 Maximum of two Tmax® XT4, XT5 or XT7 retrofit kits can be installed, side by side, in an existing Spectra™ panelboard installation

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02 For instantaneous selectivity, see DET-760. For series ratings, see DET-008.

03 XT5 Neutral current transformer kit is suitable for use with Ekip DIP trip units only.

Possible combinations within the range

	Legacy Spectra™ breaker			
	Spectra™ E Frame	Spectra™ F Frame	Spectra™ G Frame	Spectra™ K Frame
Tmax® XT Breaker	Tmax® XT1	Tmax® XT4	Tmax® XT5	Tmax® XT7
Industrial applications		•	•	•
Commercial and industrial applications	•	•	•	•
Thermal-magnetic trip units	•	•	•	
Electronic trip units		•	•	•

	125 A dual mounted		250 A dual mounted		250 A single mounted	
		Box width range / X height		Box width range / X height		Box width range / X height
Legacy Spectra™ based Kit	AMCB6EBFP	–	AMCB6FJFP	–	AMCB3FJFP	–
Tmax® XT Kit[01, 03]	SRFB6XT1FPX	27"-44" / 3X	SRFB6XT4FPX	31"-44" / 3X	SRFB3XT4FPX	27"-44" / 3X
Tmax® XT Kit with Kirk lock provisions[01, 03]	SRFB6XT1FPK	27"-44" / 3X	SRFB6XT4FPK	31"-44" / 3X	SRFB3XT4FPK	27"-44" / 3X

	400 A dual mounted		600 A single mounted		1200 A single mounted	
		Box width range / X height		Box width range / X height		Box width range / X height
Legacy Spectra™ based Kit	AMCB6GBFP	–	AMCB3GMFP	–	AMCB3KMFP	–
Tmax® XT Kit[01, 03]	SRFB6XT5BFPX	40"-44" / 4X	SRFB3XT5MFPX	27"-44" / 4X	SRFB3XT7MFPX[02, 04]	40"-44" / 6X
Tmax® XT Kit with Kirk lock provisions[01, 03]	SRFB6XT5BFPK	40"-44" / 4X	SRFB3XT5MFPK	27"-44" / 4X	SRFB3XT7MFPK[02, 04]	40"-44" / 6X

SRFN400GF [05]	XT5 UL 400 A Neutral current transformer kit
SRFN600GF [05]	XT5 UL 600 A Neutral current transformer kit
SRFN800GF	XT7 UL 800 A Neutral current transformer kit
SRFN100GF	XT7 UL 1000 A Neutral current transformer kit
SRFN120GF	XT7 UL 1200 A Neutral current transformer kit

				Frame
XT Breakers with retrofit kit	XT1	XT4	XT5	XT7
Rated current (A)	125	250	400/600	1200
SCCR 240 V (kA)	100	200	200	200
SCCR 480 V (kA)	65	100	100	100
SCCR 600 V (kA)	25	25	65	65

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01 Maximum of two Tmax® XT4, XT5 or XT7 retrofit kits can be installed, side by side, in an existing Spectra™ panelboard installation

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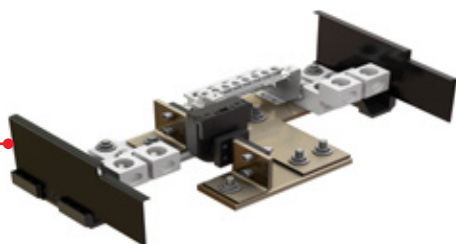02 XT7 breaker handle extension included in this kit

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03 Kits are only for use with 80% rated breakers

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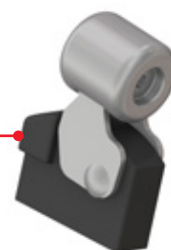04 XT7 retrofit kit can be used for a main or feeder

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05 XT5 Neutral current transformer kit is suitable for use with Ekip DIP trip units only.

Accessories for retrofit kits
The parts you might need for your installation

Neutral Current Transformers for XT5 and XT7

XT7 folding handle reduces handle operation effort and are included in XT7 retrofit kits

XT1 Kirk Lock

XT4 Kirk Lock

XT5 Kirk Lock

XT7 Kirk Lock