

Smart-UPS® ISX Input Breaker Kit

Receiving the Input Breaker Kit

Inspect the packaging for any signs of damage or mishandling. Do not attempt to install the Input Breaker if damage is apparent. If any damage is noted, file a damage claim with the shipping agency within 24 hours and contact APC Technical Support (see last section) to inform of the damage claim and the condition of the shipment.

Verify that labelled units match the order confirmation.

Type label, SKU number, and serial number

Type label is attached to Input Breaker Kit.

The Input Breaker Kit is available in 4 sizes:

100 A:	SUVTOPT112
125 A:	SUVTOPT113
40 A:	SUVTOPT114
50 A:	SUVTOPT115

Have serial number ready if calling APC for assistance.



Warning

Make sure the Input Breaker is in the OFF position before the installation begins.



Note

Follow the manufacturer's Installation Manual (provided) to install the Input Breaker. Manufacturer contact: www.abb.com. Documents: Tmax T3 UL/Tmax T2 UL, Doc No. RH0013002-L0745.



Note

Always read the enclosed separate Safety (990-2822) sheet prior to the installation.



Note

Install the Input Breaker in a controlled environment with a temperature range from 0-40°C.

Regulatory compliance

The Input Breaker complies with the UL489 standard.

Electrical and physical specifications

Electrical specifications

Rated voltage	480 VAC
Rated current - SUVTOPT112	100 A
Rated current - SUVTOPT114	40 A
Rated current - SUVTOPT115	50 A
Rated current - SUVTOPT113	125 A
Interrupting at 200 and 208 V / 480 V	65 kA / 35 kA

Physical dimensions (mm) SUVTOPT113

Height (in/mm)	5.9 / 150
Width	4.13 / 105
Depth	2.76 / 70
Weight (lbs/kg)	12.1 / 2.9

Physical dimensions (mm) SUVTOPT112/114/115

Height (in/mm)	5.12 / 130
Width	3.54 / 90
Depth	2.76 / 70
Weight (lbs/kg)	6.3 / 2.9

UPS Cable Sizes

480V	208 (200) V	Mains input [AWG]	AC output [AWG]
SUVTOPT114 (20 kVA)		6	6
SUVTOPT115 (30 kVA)		4	4
	SUVTOPT112 (20 kVA)	4	4
	SUVTOIPT113 (30 kVA)	1	1

Terminal tightening torque: SUVTOPT112/114/115: 7Nm (62 lbin). SUVTOPT113: 10Nm (89 lbin)



Use copper conductors only.

Contact Information

If a problem occurs, phone Technical Support at (1)(800)800-4272 (US and Canada) or (0) 35434-2021 (Japan) or go to Web Support: support@apc.com. For local country-specific centers: go to www.apc.com/support/contact.

