MGE™ Galaxy™ 7000

160 – 500 kVA

Battery circuit breaker kits

Installation manual

APC®
by Schneider Electric

Introduction

Thank you for selecting an APC by Schneider Electric product to protect your electrical equipment.

The **MGE™ Galaxy™ 7000** range has been designed with the utmost care.
We recommend that you take the time to read this manual to take full advantage of the many features of your **UPS** (**U**ninterruptible **P**ower **S**ystem).

APC by Schneider Electric pays great attention to the environmental impact of its products.
Measures that have made **MGE™ Galaxy™ 7000**

- the eco-design approach used in product development,
- the elimination of harmonic disturbances reinjected into the AC source,
- production in an ISO 14001 certified factory,
- recycling of the **MGE™ Galaxy™ 7000** at the end of its service life.

To discover the entire range of APC by Schneider Electric products and the options available for the **MGE™ Galaxy™ 7000** range, we invite you to visit our web site at **www.apc.com** or contact your APC by Schneider Electric representative.

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To take into account evolving standards and technology, equipment may be modified without notice. Indications concerning technical characteristics and dimensions are not binding unless confirmed by APC by Schneider Electric.

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"**MGE™ Galaxy™ 7000** battery circuit breaker kits installation manual no. 3402153000".

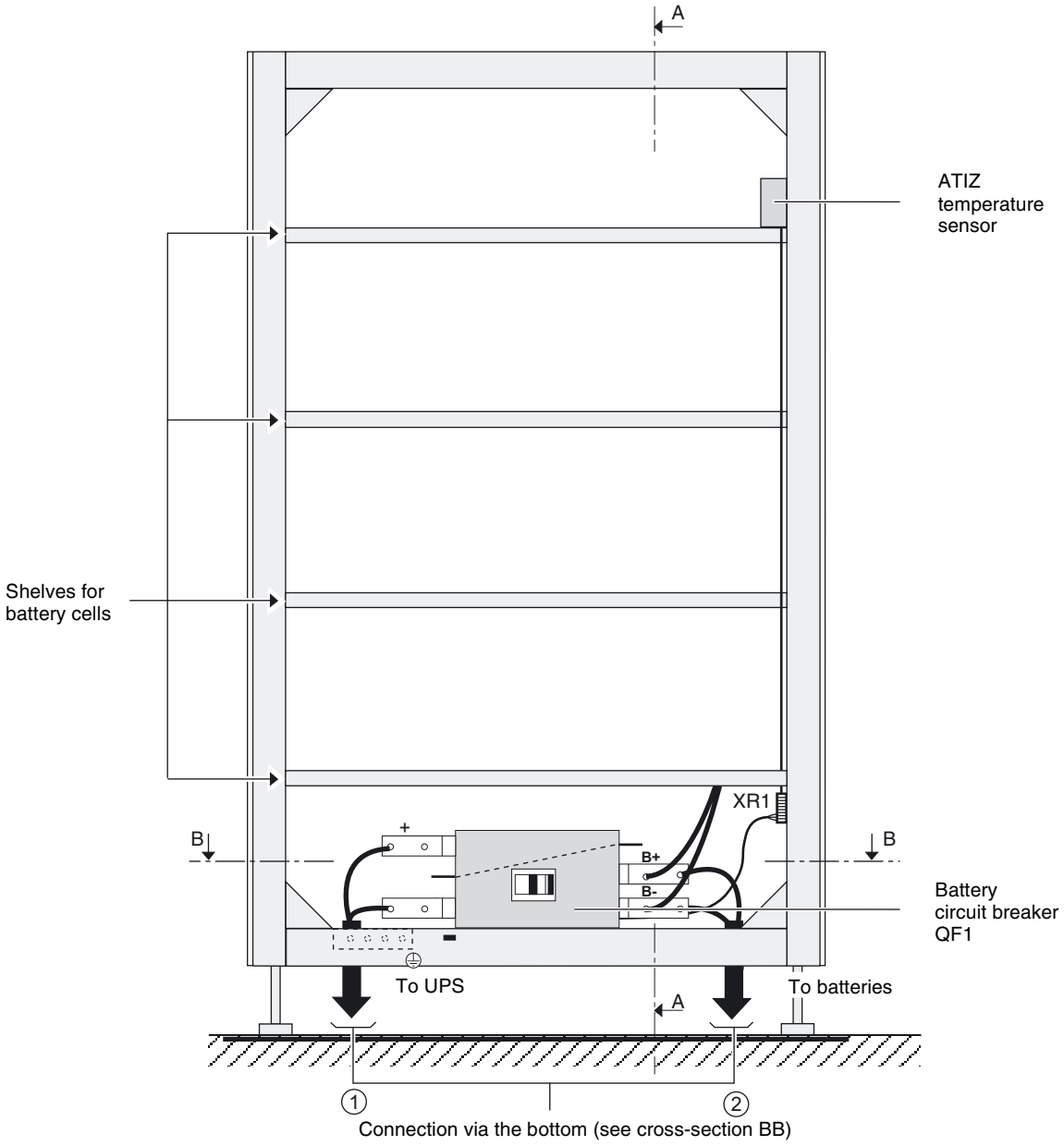
1. Example of installation in a cabinet

Each kit includes the circuit breaker, mounting hardware, temperature monitoring option, support plate, cover, auxiliary wires and stickers.

These circuit breaker kits are supplied separately for installation of batteries in cabinets not supplied by APC by Schneider Electric.

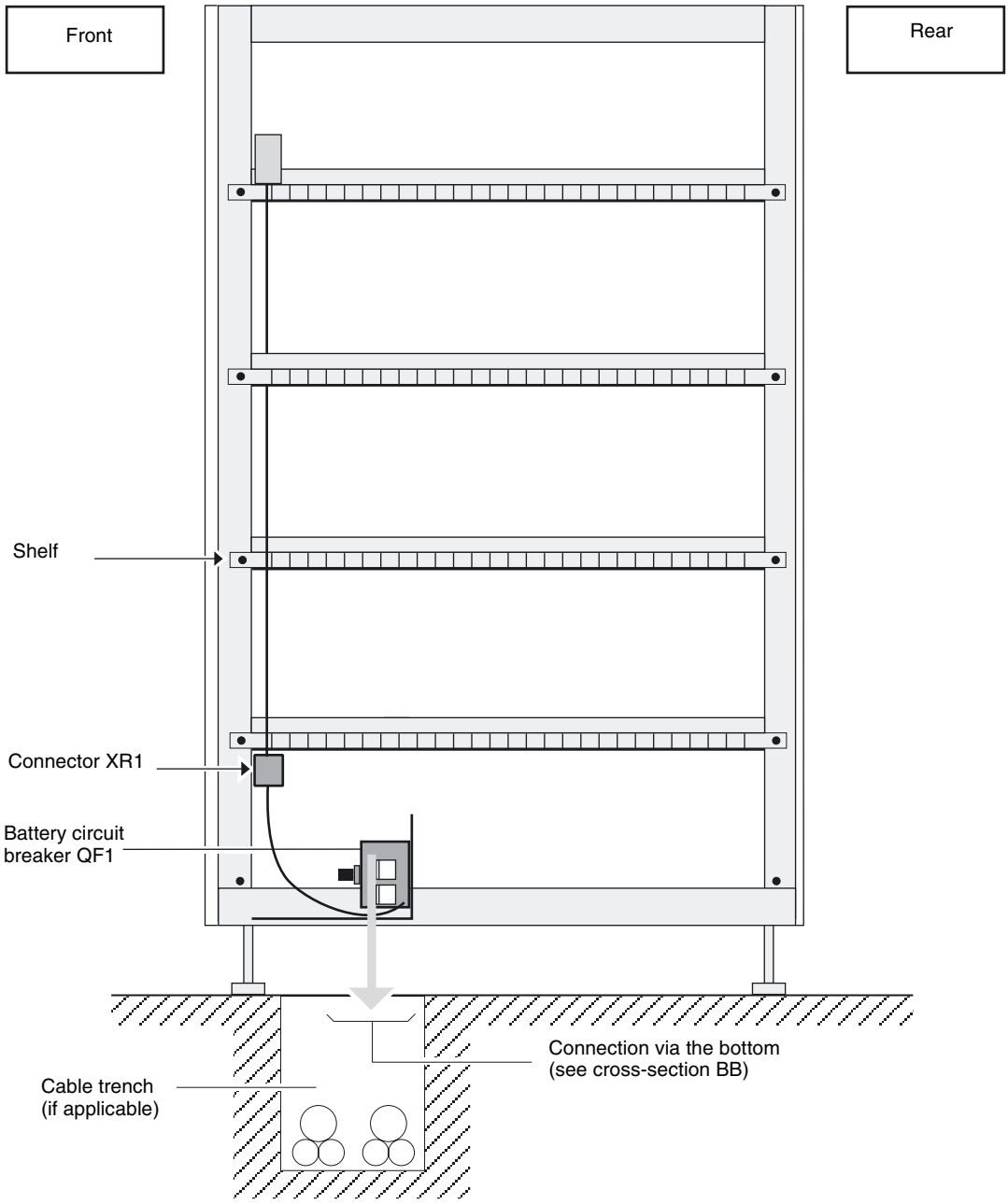
Circuit breaker connection is different than for **MGE™ Galaxy™ 5000** and **MGE™ Galaxy™ 6000**.

1.1 Front view

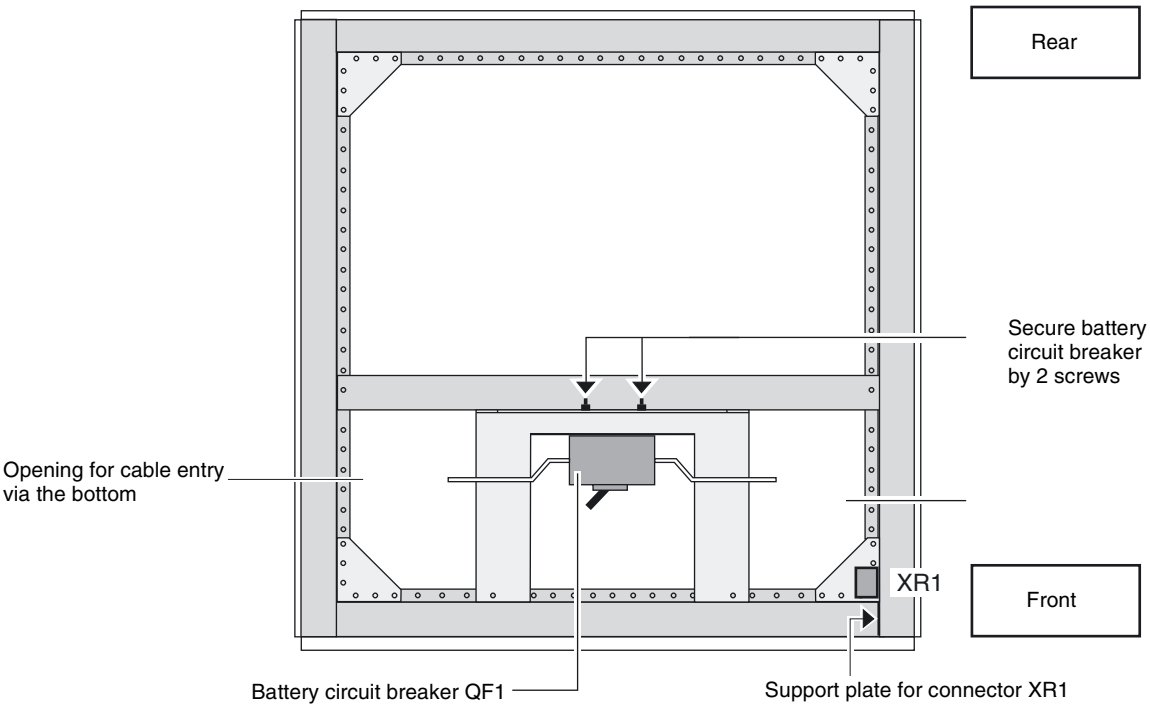


1. Example of installation in a cabinet

1.2 Cross-section AA



1.3 Cross-section BB



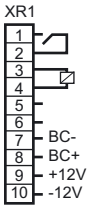
1.4 Installing the battery circuit breaker

- the circuit breaker is secured to the bottom cross-member of the cabinet structure;
- position the battery circuit breaker support and secure by means of 2 screws as shown;
- bolt the support of connector XR1 to the front RH upright of the cabinet structure.

2. Connections

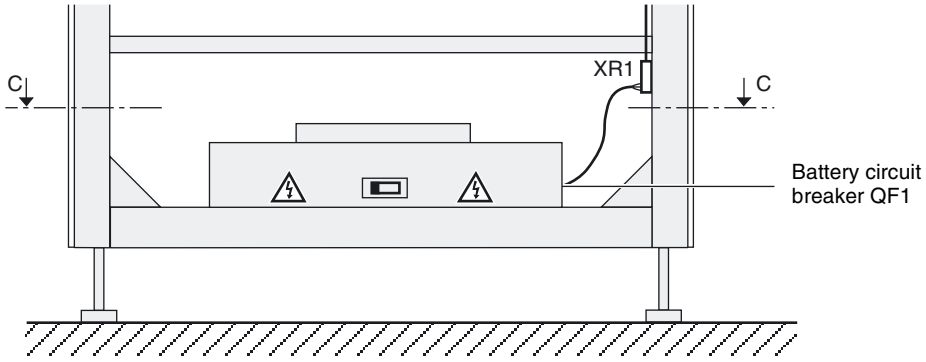
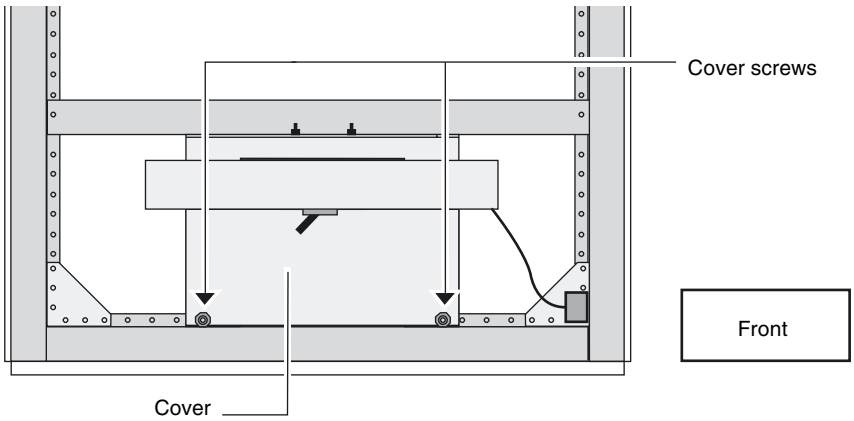
2.1 Auxiliary terminal block XR1

Terminals 1 to 4 of this terminal block must be connected to the rectifier-inverter cabinet to provide the functions for automatic opening of battery circuit breaker "QF1" (in case of emergency shutdown for example) and detection of the battery circuit breaker position for the UPS. Details of these connections are given in UPS installation manual no. 3402084600.



2.2 Cover installation

To complete the installation of the kit, position the cover to protect circuit breaker QF1 and its connections and secure it to the frame with the two screws as indicated in the figure below.



Cross-section CC