

# OPEN UP TO THE GREAT LITTLE AIR CIRCUIT-BREAKER.



**ABB**

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**ABB SACE S.p.A.**  
An ABB Group company

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Due to possible developments of standards as well as of materials, the characteristics and dimensions specified in the present catalogue may only be considered binding after confirmation by ABB SACE.

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# It's this big. Really!

X1 by Emax comes from more than 60 years of experience ABB SACE has had in designing and manufacturing moulded-case and air circuit-breakers. Highly appreciated technological know how recognised all over the world. Don't be taken in by the dimensions of the new X1 air circuit-breaker by Emax – its performance will astonish you. Really small but naturally big.

**X1 by EMAX.**  
**High performances, small dimensions.**

Rated current up to 1600 A, high  $I_{cw}$  for selective circuit-breakers and, for the current-limiting version, an  $I_{cu}$  of 150 kA at 415 V AC. Performance together with proven reliability, safety and ABB SACE's high quality standards.

**X1 by Emax.**  
**Streamlined plants.**

X1's compact dimensions allow optimisation of installations and this is also thanks to new and extremely useful and effective plant solutions.

**X1 by Emax.**  
**Installation made easier.**

Compactness means more space for cabling. In fact, the space for cable bending or bus-bar passage becomes decidedly greater.



Actual size.

**X1 by Emax.**  
**Exclusive flexibility.**

An air circuit-breaker which can be installed on a back plate and in a horizontal position, in both the fixed and withdrawable versions - this is a first.

**X1 by Emax.**  
**State-of-the-art trip units.**

The new air circuit-breaker is fitted with latest generation electronic trip units offering all the protection functions required by the market. The large graphic display and exclusive data logger function are just two of the characteristics of the new electronic trip units.

**X1 by Emax.**  
**New racking-out system for the moving part.**

This operation now becomes even safer, since it prevents accidental or unwarranted and potentially dangerous operations.

**X1 by Emax.**  
**A complete range of accessories and a great news.**

The new rapid accessory wiring system. No wires inside the circuit-breaker, rapid, simple and safe connection to the external circuit, no screws for fixing the external power supply wires and no increase in the overall dimensions of the circuit-breaker. This is the fruit of long and careful research which has led ABB SACE to construct some truly simple and ingenious solutions.

## X1 by Emax. The great little air circuit-breaker.