

EAT•N

Holec

**Xiria
12 kV Ring Main Unit
in IEC and ENATS 41-36 design**

Product Focus



- High operational safety
- Maintenance-free
- Safe visible earthing and position indication
- Environmentally friendly
- Compact
- Suitable for remote control
- Vacuum technology

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Eaton Electric B.V.

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XIRIA : the smart solution

Xiria is the name of a new generation of ring main units from Eaton Holec. They are characterised by their high level of operational safety and are suitable for applications up to 12 kV, meeting the requirements of IEC and ENATS 41-36. Xiria units are also very compact. Xiria units can be supplied in three- or four-panel versions. Both the primary part of the unit and the mechanisms are housed in a fully enclosed housing which protects the system against environmental influences. There is a choice of two basic panel versions in our product range:

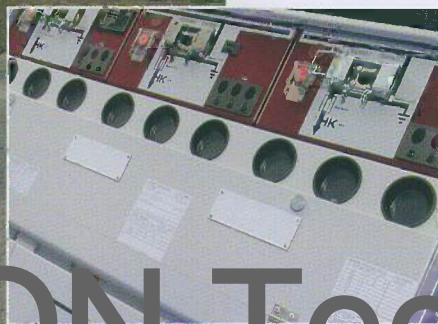
- A vacuum load break switch for ring cable connections.
- A vacuum circuit-breaker for protecting transformers and cable connections.

Both versions can be supplied in a unit in any desired combination and order.



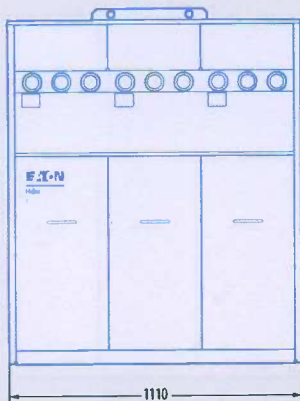
Xiria is an extremely well designed and modern system. For example, when developing the system we intentionally opted for protection in the form of a circuit-breaker combined with an electronic relay. This is a modern, safe and flexible alternative to fuse protection.

In addition it also makes Xiria very easy to use in an automated distribution network. These specific features make Xiria an easy-to-use system that responds perfectly to changing electricity distribution requirements, both now and in the future.

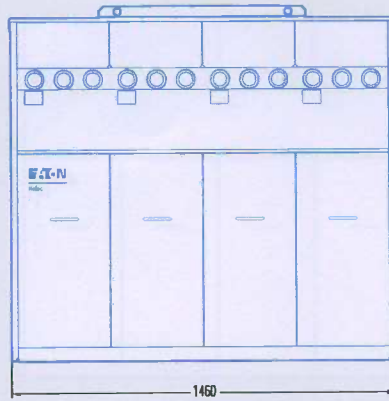


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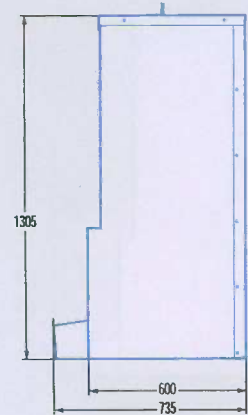
Dimensions (mm)



3-panel version, weight: 350 kg.



4-panel version, weight: 420 kg.



Technical data

Xiria

General

Rated voltage	kV	12
Impulse withstand voltage	kV	95
Power frequency withstand voltage	kV	28
Rated frequency	Hz	50/60
Internal arc resistance (AF)	kA-s	20-1
Degree of protection		IP31D

Busbar system

Rated normal current	A	630
Rated short-time withstand current	kA-s	20-3
Rated peak withstand current	kA	40

Circuit-breaker

Rated normal current	A	200 or 500
Rated breaking current	kA	20
Rated short-circuit making current	kA	40
Rated short-time withstand current	kA-s	20-3

Load break switch

Rated normal current	A	630
Rated short-circuit making current	kA	40
Rated short-time withstand current	kA-s	20-3

Xiria complies with the following standards

ENATS 41-36	Distribution switchgear
IEC 60694	Common specifications
IEC 60298	Metal-enclosed switchgear
IEC 62271-200	Metal-enclosed switchgear and controlgear
IEC 60932	Severe climatic conditions
IEC 62271-100	Circuit-breakers (M1/E2)
IEC 60265-1	Switches (M1/E3)
IEC 62271-102	Disconnectors/Earthing switch (M0)
IEC 62271-102	Earthing via vacuum bottle (E2)
IEC 60529	Degree of protection
IEC 60044-1	Current transformers
EN 50181	Cable cones

KEMA
REGISTERED QUALITY



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