

IQNet Company Certifications



Products Type Tests Laboratories



Products Certification



Main References



Tozzi Electrical Equipment R&D Type Tests Laboratory



Main application fields



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Tozzi Electrical Equipment SpA
a company of
TOZZIgreen

www.tozzigreen.com

Standards, designs and specification are susceptible of modification.
Please ask for confirmation of the information given by this catalogue.



Electric Power Distribution Products

Green Generation
Smart Distribution



Tozzi Electrical Equipment SpA
a company of
TOZZIgreen

About us

Tozzi Electrical Equipment

For over 50 years, Tozzi Electrical Equipment, a company of **Tozzi Green** group, has been designing, manufacturing and selling medium and low voltage electric power distribution products, switchboards, and prefabricated mobile substation with innovative solutions and sustainable techniques. Thanks to the high expertise of its internal R&D department and the standardized modular platform, Tozzi Electrical Equipment guarantees reliability, safety and Made in Italy quality.



Tozzi Green

Tozzi Green is a company specialized in solutions, services and projects for the development of plants and the generation of energy from renewable resources. **Tozzi Green** operates in the energy sector as EPC and O&M contractor for renewable energy production plants: hydroelectric, maxi wind, photovoltaic, biomass and biogas facilities.

As one of the most important European producers of small wind turbines, **Tozzi Green** is also interested in energy storage systems. **Tozzi Green** has a manufacturing plant and a number of top-flight research and development laboratories.



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12 24 kV Gas insulated switch disconnecter



ECOSMART PB

Gas insulated line switch disconnecter.

Up to:

24 kV
1250 A *
25 kA 3 sec.

*off load

12 24 kV Vacuum circuit breaker



ECOSMART VCB L

Vacuum circuit breaker with side operating mechanism for secondary distribution.

Up to:

24 kV
1600 A
25 kA 3 sec.

12 24 36 kV Air and gas insulated medium voltage switchgear for secondary distribution



ECOSMART MIX

Air insulated medium voltage switchgear with gas insulated switch-disconnector and vacuum circuit breaker.

Up to:

24 kV
1250 A
25 kA 1 sec.

Type LSC2A-PM according to IEC 62271-200

12 24 kV Air insulated medium voltage switchgear for primary distribution



QMTC

Arc proof air insulated medium voltage switchgear for primary distribution.

Up to:

12 kV	17,5 kV	24 kV
4000 A	3600 A	2500 A
50 kA 3 sec.	50 kA 3 sec.	31,5 kA 3 sec.
50 kA 1 sec. Internal arc AFLR	50 kA 1 sec. Internal arc AFLR	31,5 kA 1 sec. Internal arc AFLR

Type LSC2B-PM according to IEC62271-200

Low voltage main distribution switchgear and motor control center



QMM90N

Low voltage Power Center Switchgear.

Up to:

690 V
6000 A
100 kA 1 sec.
100 kA 0,5 sec. Internal arc

reference standards:
iec 61439-1 (2009) – low-voltage switchgear and control gear assemblies
iec 61641 (2008) – arcing due to internal fault
iec 947 – electrical components
shell dep 33.67.01.31



ECOSMART ES

Air Insulated Earthing Switch Disconnecter.

Up to:

24 kV
20 kA 1 sec.



ECOSMART VCB F

Vacuum circuit breaker with front operating mechanism for primary distribution.

Up to:

12 kV	17,5 kV	24 kV
3150 A	3150 A	2500 A
40 kA 3 sec.	40 kA 3 sec.	31,5 kA 3 sec.



ECOSMART GIS Compact

Gas insulated medium voltage switchgear with fuses and vacuum circuit breaker.

Up to:

36 kV
630 A
25 kA 1 sec.

Type LSC2A according to IEC 62271-200



ECOSMART Protection Relay

Protection, monitoring and control relays for MV users series ECOSMART TPR-1 and TPR-2: phase overcurrent protection for overload and short circuit (50 51), homopolar overcurrent protection for single phase fault and double earth single-phase (50N 51N) directional earth fault overcurrent (67N), communication interface RS232 & MODBUS RS485.



QMM90N

Low voltage Motor Control Center Switchgear.

Up to:

690 V
6000 A
100 kA 1 sec.
100 kA 0,5 sec. Internal arc

reference standards:
iec 61439-1 (2009) – low-voltage switchgear and control gear assemblies
iec 61641 (2008) – arcing due to internal fault
iec 947 – electrical components
shell dep 33.67.01.31



ECOSMART OSD

Outdoor gas insulated, pole mounted, switch disconnecter.

Up to:

24 kV
630 A
25 kA 1 sec.



ECOSMART VCB FP

Withdrawable vacuum circuit breaker with front operating mechanism and enclosure for primary distribution.

Up to:

12 kV	17,5 kV	24 kV
3150 A	3150 A	2500 A
40 kA 3 sec.	40 kA 3 sec.	31,5 kA 3 sec.



ECOSMART GIS Extensible

Gas insulated medium voltage switchgear with fuses and vacuum circuit breaker.

Up to:

36 kV
630 A
25 kA 1 sec.

Type LSC2A according to IEC 62271-200

Prefabricated mobile substation



SUBSTATION WITH MODULAR METAL STRUCTURE

Prefabricated mobile substation with modular metal structure suitable to contain medium - low voltage equipments and monitoring and control systems.



QMM90N Smart Motor Starter

Withdrawable functional unit.