

Socomec North America Products, Solutions, Applications & Services

UL/CSA
Ed. 1



POWER SWITCHING



POWER MONITORING



POWER CONVERSION



ENERGY STORAGE



EXPERT SERVICES



Socomec Group

When **energy** matters



As an independent manufacturer, Socomec Group is committed to constant innovation to improve the energy performance of electrical installations across all building types. Throughout its history, SOCOMEC has constantly anticipated market changes by developing cutting-edge technologies that fully comply with international standards and providing solutions that are adapted to customer requirements.

“Optimizing the performance of your system throughout its life cycle” - this is the commitment carried out every day by the SOCOMEC teams around the world, wherever your business is located.



An electrical equipment design and manufacturing company, specializing in low voltage energy performance in terms of safety, service continuity, quality and energy efficiency.





Socomec

Innovative Power Solutions

North America



Socomec Group; a family owned French based company and a global leader in low-voltage power switching and energy performance, acquired three North American companies less than 10 years after opening its first United States subsidiary in 2009. In an effort to enhance their product offer, Socomec Group strategically chose to extend its portfolio by attaining North American based manufacturing centers of excellence, and to grow through the acquisition of exceptional companies such as Boltswitch, Continental Control Systems, and Powersmiths. From these acquisitions, Socomec North America is able to offer a wide range of robust UL and CSA listed solutions to our partners and customers. Socomec is proud to have innovative capabilities in order to adapt our product to the many emerging markets in the United States, Canada and Mexico.

Socomec Group acquires Continental Control Systems, a Colorado based manufacturing and engineering firm founded in 1995. They specialize in high accuracy electric power metering and inverter metering equipment.

Socomec Group acquires Boltswitch, a specialist in bolted pressure contact and pullout switches based in Crystal Lake, IL., and a US leader in the switchboard component market. They produced their first switch pole in 1953.

2009

Socomec Group opened their North American subsidiary, Socomec Inc., in 2009 which covers all the operations in the United States, Canada and Mexico. Socomec, Inc. is headquartered in Watertown, MA.

2018

Socomec Group acquires Powersmiths. The Toronto based company offers high efficiency transformers, configurable power distribution units, power switching systems, energy storage systems, and building information systems.

2022

Socomec celebrates their 100 year anniversary. Founded in 1922 Socomec Group has been at the forefront of electrical component manufacturing ever since and remains committed to continued innovation and quality.





Power Switching

Managing power and protecting people, equipment and installations

Fusible Switches



RM CC, RM and RMS

Range of fuse holders with and without LED Class CC and Midget



PULLOUT SWITCHES

Open Style Fusible Pullout Switches Series CC, T, J, R&H, and CD from 30 - 400 A



FUSERBLOC*

AC switch disconnecter fuse double opening from 30 - 800 A UL/CSA solution, safety disconnection and overload protection up to 600VAC and 200kA



SERIES T, R, J, JB, VLDC, L, VT, VL, VLB, & LB

Open Style Single Throw Fusible Bolted Pressure Contact Switches from 200 - 3000 A



SERIES SL & SB

Open Style Single Throw Fusible Bolted Pressure Contact Switches 4000 - 8000 A



SPECIALITY SWITCHES

Open Style Single Throw TIE, MILL, SERIES B, and space saving VL Fusible Bolted Pressure Contact Switches from 800 - 8000 A

Non-fusible Switches



SIRCOM*

UL 508 and UL 98 manual switch disconnecter from 16 - 100 A, 3, 4, 6 or 8 poles DIN modular format with versatile operation options (direct front, extended, side operation, door mounting, toggle)



SIRCO*

Manually operated switch disconnecter from 100 - 1200 A, 3 or 4 poles Designed for operation in harsh environments up to 600 VAC, tropicalized as standard



NO FUSE SWITCHES

Open Style Single Throw Bolted Pressure Contact Switches SERIES T, SL and VL open style transfer switches from 400 - 6000 A



SIRCO UL 98 C

Heavy duty switches that break and make power circuits and provide safety isolation up to 800 VAC

Transfer Switches



COMO CS

Manual transfer switching equipment From 25 - 100 A Compact, simple and fast installation, DIN Rail or door mounting, UL & IEC, HI, I-0-II or bypass version



SIRCOVER*

Manual transfer switching equipment From 100 - 1200 A with 3 or 4 poles UL98/1008 Manual transfer switch available for open transition I-0-II



GENEVA SWITCHES

Series T, SL and VL open style manual transfer switches from 400 - 6000 A



ATyS

UL 1008 non automatic transfers switch for use in optional standby system



ATyS FT/DT

UL 1008 certified remotely operated transfer switching equipment from 100 - 600 A



ATyS C66

ATS controller with universal ATS controllers for all types of RTS and fast configuration with integrated install wizard, intuitive use with dedicated visualization dashboards, pop-ups and clear HMI

DC/PV Switches



SIRCO MC PV

Compact DC manual switch disconnecter from 25 - 45 A 100 VDC



INOSYS LBS

DC manual switch disconnecter From 100 - 600 A, up to 1500 VDC, UL & IEC Compact and efficient DC load break switch compliant with DC-PV2 and handling up to 1500 VDC per polarity



SIRCO PV

DC switch disconnecter for use in networks up to 1500 VDC From 100 - 1200 A UL and IEC Available from 2 to 8 poles with switching performance up to 500 VDC per pole



SIRCO MOT PV

DC motorised switch disconnecter from 2000 A, up to 1000 VDC High breaking performance with manual emergency operation

Cables & Accessories



POWER DISTRIBUTION BLOCKS

Unipolar or multipolar distribution block from 65 to 380 A for UL and IEC with power terminals for distribution from 250 to 630 A



Arc Flash Ground Fault Relay

Combined with their 1200 - 4000 A Fused Power-Circuit Devices, comply with NEC 240.67 and provide an energy-reducing maintenance switch with local status indicator.



BUSBAR

Rigid copper bars, insulated flexible copper bars & insulated copper braids rated up to 1000 VAC/ 1500 VDC



BUSBAR SUPPORTS

Unipolar or multipolar support for flat, edgewise and stair-type; mounting Up to 7000 A Solid and flexible copper braid bars

Enclosed Solutions



*Solution offered enclosed

Fused, non-fused and manual transfer switching solutions offered in a variety of enclosure types and ratings including Painted Steel UL/NEMA 3R/12, Fiberglass UL/NEMA 4, 4X, Stainless steel UL/NEMA 4, 4X, and Polycarbonate UL/NEMA 1, 3, 3R, 12, 4, 4X



Series VL/VLB & SL/SLB, Top Feed Series EJ, ER & EL, Bottom Feed Series EJB & ELB

400 - 4000 A Type 1 Indoor or Type 3R Rainproof



Enclosed GENEVA

800 - 3000 A Type 1 Indoor or Type 3R Rainproof



Power Monitoring

Improving energy performance and monitoring installations

Single-point



DIRIS A & B

DIN rail or panel mounted Power Metering Device with remote display
Compatible with TE, TR/TPR and TF current sensors
Quick and error-free wiring



CCS Wattnode® Submetering Products

CCS meters are the ideal solution for HVAC Contractors, Variable Refrigerant Flow Distributors, the Solar industry such as distributors and installers for both commercial and residential installations. This is a cost effective and robust solution offered by Socomec.

Multi-point



DIRIS Digiware D

A single centralized control unit with or without embedded energy management software
One display to locally or remotely visualize measurement data and communicating over multiple open-based protocols



DIRIS Digiware U & Udc

AC & DC voltage acquisition module
Single voltage measurement point for the entire system



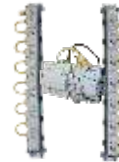
DIRIS Digiware I & Idc

AC & DC current acquisition module with 3, 4 or 6 RJ12 current inputs
Adding multiple current modules allows to customise your system based on the number of circuits to monitor



DIRIS Digiware S

All-in-one current acquisition module up to 63 A
Best compact / performance ratio on the market



SBCM

Branch Circuit Power Monitoring solution for AC and DC circuits utilizing the DIRIS Digiware system, ideal for installation inside of a panel

Current Sensors & Transformers



Smart current sensors

VAC current sensors: solid core, split core and flexible
From 3 to 7200 A
Compact current sensors with plug and play connection, reliable wiring and accuracy, 100V output using RJ12 plug and play connectors



Accu-CTS

Split-Core, Solid-Core and Rogowski Current Transformers



Smart current sensors

Current sensor: solid core, split core and flexible
From 5 to 2000 A
Compact current sensors with plug and play connection, reliable wiring and accuracy

Enclosed Solutions



WattNode® Enclosure

Single point enclosed meter



DIRIS DigiBOX A

Enclosed single-point metering solution



Multi-Circuit Meter (MCM) for Modbus®

Enclosed multi-point metering solution up to 84 circuits



DIRIS DigiBOX M

Enclosed Power Monitoring solution for AC and DC circuits utilizing the DIRIS Digiware system

Communication Gateways & Dataloggers



DIRIS Digiware M

Gateway with RS485 or Ethernet communication
With or without embedded energy management software
Remotely visualize measurement data and communicate over multiple open-based protocols



DATALOG H

Datalogger with embedded energy management software
Ethernet or 2G/3G connection
Max 600 000 measurement samples from up to 200 devices with automatic data export to remote FTPS/HTTPS servers



WEBVIEW

Embedded software for energy monitoring and analysis
WEBVIEW-M (DIRIS Digiware M & D), WEBVIEW-L (DATALOG H)
License-free software allowing the visualization of real-time measurements and logs from up to 200 meters (WEBVIEW-L)



Power Conversion

Ensuring the availability and storage of high quality power

Modular UPS & Static Transfer Systems



MODULYS GP UL

Three-phase
From 25 - 100 KVA N+1
Unique, fully modular and
redundant solution



STATYS INTEGRABLE

Three-phase Static Transfer
Insert From 200 to 800 A
Redundant design for power
availability and site
maintainability



STATYS PS

Three-phase Static Transfer
solution from 200 to 800 A
Redundant design for power
availability and site
maintainability

Energy Efficient Transformers



E-Saver SOL OPAL™

Designed for solar applications, the E-Saver SOL OPAL™ Series is a high performance low-voltage transformers optimized to deliver less losses than a typical DOE 2016 compliant transformer, while contributing to LEED®, Net Zero and Sustainable Building designs



E-Saver OPAL™ Series

High performance low-voltage transformers optimized to deliver up to less losses minimum efficiency requirement, for new construction, LEED®, Net Zero & High Performance building applications



E-Saver OPAL-R™ Series

High performance low-voltage transformer. Optimized to deliver up to 80% less losses than existing Pre-TP1 transformers. Retrofit applications include best practices that provide an engineered solution that includes verified savings and are backed by a 32-year warranty with a performance guarantee.



E-Saver OPAL EV™ Series

The OPAL™ – EV Series (Models 240V & 208V) are ultra-efficient low-voltage dry-type isolation transformers optimized specifically for feeding Level 2 Electric Vehicle (EV) Charger applications, where loading varies from many hours of idling, to periods of heavy demand

PDU's & Remote Power Panels



Energy Station LM™

All the benefits and options of a Powersmiths' Energy Station™ solution made to match a server cabinet look in any data center. System offers a sleek in-row styling that brings symmetry and visual balance to the row



Energy Station SM™

UL Listed and offers a versatile modular design. Configure the unit to meet project requirements, with a host of innovative options specifically designed for safe maintainability, efficiency, and a minimal footprint



Energy Station TX™

This unit has options to integrate a mix of primary and secondary breakers, on the sides or top of the transformer, providing a compact and cost-effective strategy for concentrated high-density power distribution, and all in one UL Listed unit



Energy Station RPP™

Remote Power Panel designed to provide localized branch circuit distribution loads in data centers, in a compact 24" x 24" (1-tile) package or 24" x 12", for against-the-wall installation



Energy Storage

Ensuring the availability and storage of high quality power

Energy Storage Systems



SUNSYS HES L

An all in one range of outdoor Energy Storage System from 50kVA/180kWh to 850kVA/1674kWh systems where the C Cab control and supports the CATL Battery Cabinets, and provides one point of connection for higher level control software Modular power conversion enables maximum AC/AC system



SUNSYS HES XL

An all in one range of outdoor Energy Storage System from 500 kVA/1118 kWh and 500 kVA/2236 kWh systems where the C Cab control and supports the CATL Battery Cabinets, and provides one point of connection for higher level control software Modular power conversion enables maximum AC/AC system



Expert Services

Enabling available, safe and efficient energy

Value-added services

Socomec is committed to delivering a wide range of value-added services to ensure the reliability and optimization of end-users' equipment during its life cycle

- Preventive Maintenance to reduce risk and enhance equipment efficiency.
- Measurement and analysis of a wide range of electrical parameters leading to recommendations for power quality improvement.



Specialists

Our Services team is your best partner when it comes to advising you on the maintenance of Socomec equipment and providing resolution to any problems in accordance with current environmental standards and procedures.



Professional Tools

Our Services team is provided with the latest essential equipment including:

- Personal Protective Equipment
- Laptop equipped with all software required to optimize equipment performance



Reports

A detailed report is generated for each intervention (including commissioning, preventive maintenance and troubleshooting)



Spare Parts

The various original parts and components that we stock guarantee that any faulty equipment can be rapidly brought back online, while maintaining its original performance and reliability.

Start-up

Solutions that guarantee efficiency – our engineering expertise and specialist equipment simplify the set-up process.

Commissioning and on-site testing

- Work environment inspection
- UPS internal and external checks
- System power on and set up
- Operating test on single UPS and/or parallel system

Commissioning for ATyS & STATYS

- Settings and configuration to suit your needs
- Switching test
- Communication test
- Handover summary / briefing on how to use the ATyS and Statys
- Service report with overview of installation parameters

Operation

A suite of services to optimize the operation of your systems - while guaranteeing performance and providing visibility on your costs.

Maintenance contracts

- Annual preventive maintenance visit
- Original spare parts
- Battery check

Replacement of consumables

- Original fans and capacitors and power supply PCB
- Fast delivery
- Knowledgeable technical support
- Safe and certified replacement procedure

Preventive maintenance

- Inspections: mechanical, electrical, battery
- Dust removal / equipment cleaning
- Software updates
- Electronics testing
- Environmental checks
- Battery check
- Communication test

Battery care

- Impedance test, thermal imaging, temperature, voltage measurement block by block
- Faulty / weak block detection
- Back-up time measurement (optional)

Optimization

To help identify and understand potential problems – and achieve the best possible performance from your systems – our expert services are at your disposal.

Customer Training

- Remote customer training options
- Orientation conducted at the system by our service technician

Expert Specialists at your Service!

Our Services team comprises qualified technicians whose mission is to ensure the correct operation of your equipment. We offer a comprehensive support service package which gives you complete peace of mind: commissioning, on-site testing, preventive maintenance visits, and rapid on-site repairs, original spare parts, power quality and energy efficiency audits, consultancy, modifications and updates, etc.

Our Services team is the most reliable partner to advise you on the maintenance of Socomec equipment and to resolve any problems in accordance with current environmental standards and procedures.

Socomec: our innovations supporting your energy performance

1 Independent manufacturer

3,700 employees worldwide

10 % of sales revenue allocated to R&D

400 experts dedicated to service provision

Your power management expert



POWER SWITCHING



POWER MONITORING



POWER CONVERSION



ENERGY STORAGE



EXPERT SERVICES

The specialist for critical applications

- Control, command of LV facilities
- Safety of persons and assets
- Measurement of electrical parameters
- Energy management
- Energy Quality
- Energy availability
- Energy Storage
- Prevention and repairs
- Measurement and analysis
- Optimization
- Consultancy, commissioning and training

A worldwide presence

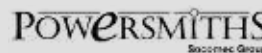
12 production sites

- France (x3)
- Italy (x2)
- Tunisia
- India
- China (x2)
- USA (x3)

28 subsidiaries and commercial locations

- Algeria ● Australia ● Belgium ● China ● Canada
- Dubai (United Arab Emirates) ● France ● Germany
- India ● Indonesia ● Italy ● Ivory Coast ● Netherlands
- Poland ● Portugal ● Romania ● Serbia ● Singapore
- Slovenia ● South Africa ● Spain ● Switzerland
- Thailand ● Tunisia ● Turkey ● UK ● USA

80 countries where our brand is distributed



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