



PRODUCT RANGE

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RANGE OF PRODUCTS

ROTARY CAM SWITCH



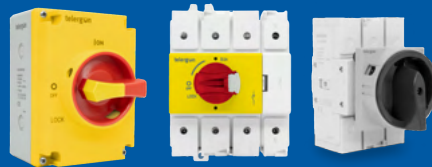
BREAKER CONTROL SWITCH



AC SOLUTIONS



**S3 SERIES
(AC LBS)**



**GORWIN SERIES ONLOAD CHO
(MTS)**



**AUTOMATIC TRANSFER
SWITCH (ATS)**



**F1 & F7 SERIES
(DC LBS)**



**DC & ENCLOSED
SOLUTIONS**



AC/DC MOTORIZED SWITCHES



▶ ROTARY CAM SWITCH



- From 6A to 800A
- Capability to select up to 36 ways and 72 contacts at the same time
- Customized solutions for special programs and applications.
Some examples:
 - Two pole lifts in automobile workshops
 - Multi-position switching in welding machines
 - Make before break switching in UPS systems
 - Spring returns switches in humidification systems in textile mills
- Versatile range of accessories : clutch device, padlock, key lock device, DIN rail mounting etc.,

MOD T

- Lateral access to terminal screws
- Positively driven operation
- Mounting versatility
- Compact cam switch for 200A (T - 175)
- Easily accessible connection
- Mounting versatility



MOD TP

- Lateral access to terminal screws
- Positively driven operation
- Finger proof terminals



▶ BREAKER CONTROL SWITCH

Used to operate circuit breakers in a power circuit and in applications where frequent operations are required.

- Three positions of switching: TRIP, NEUTRAL & CLOSE
- Sequence lock - The knob is first rotated to the TRIP position and only after this can be turned to CLOSE position
- Lost motion device (LMD) - it indicates the last operated position of the breaker

Salient Features:

- Double contact per pole
- Highly resistant to arcing & welding
- High electrical & mechanical endurance
- High making & breaking capacity
- Possibility of customized solutions



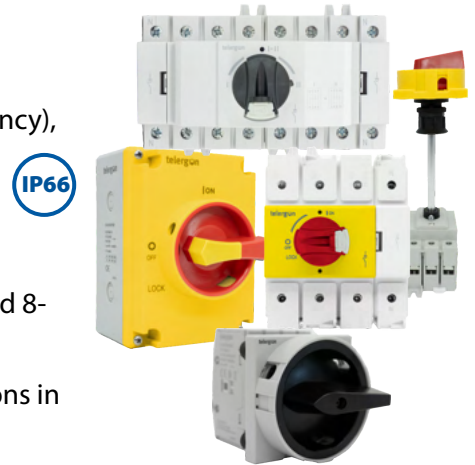
AC SOLUTIONS

S3 SERIES AC-COMPACT SWITCH-DISCONNECTOR

The S3 series, designed with a modular concept, is tailored for industrial applications. It offers 3 sizes, ranging from 16A to 125A, and is available in 3P and 4P versions. IEC/EN 60947-3 compliant

Key Features:

- The S3 series offers a wide range of accessories, including terminal shrouds, shaft extensions, additional poles and auxiliary contacts.
- It features multiple handle options-direct lockable (black or emergency), panel without lock, or panel lockable (black or emergency).
- Mounting options include DIN rail, panel mounting, door interlock, plastic, and aluminium enclosures.
- Multipole switches with DIN rail mounting are available in 6-pole and 8-pole configurations.
- Changeover switches are available in 3-pole and 4-pole configurations in two types:
 - DIN-rail mounting changeover switch (I-O-II)
 - DIN-rail mounting overlapping changeover switch (I-(I+II)-II)
- Its modular and compact design allows an easier installation and maintenance.



LOAD BREAK SWITCHES

AC Switch-disconnectors with high operating load capacity and reliable level of isolation

- Wide current rating: From 40A to 6300A-3P, 3P+N & 4P
- Reliable performance under extreme conditions
- Rated breaking current up to 8 times the rated operational current
- Neutral pole, early make & late break
- Wide range of devices and accessories: direct & external handle, terminal shrouds, safety key lock device etc.,



CHANGEOVER SWITCHES

On load changeover switches with high mechanical endurance suitable for different utilization categories.

- From 125A to 3150A
- Multiple options: 3P, 3P+N & 4P
- Handle operation is independent of the force applied on the handle
- Neutral pole, early make & late break
- Wide range of accessories: direct & external handle, terminal shrouds, safety key lock device...



Bypass

- 3P, 3P+N & 4P version from 125A to 2000A
- Protection: Advanced neutral pole (early make – late break)
- Motorized Option: 125A to 2000A, easy-to-install standalone kit

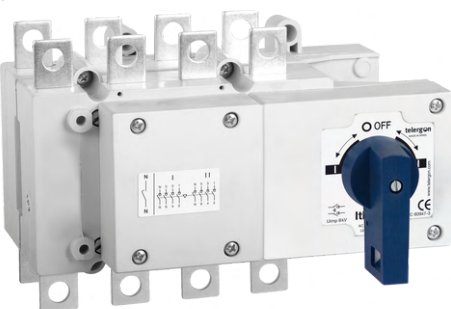
CEC Series Compact Efficient Changeover

- 3P, 3P+N & 4P version - 63A & 100A
- Operation: Manual handle (Right / Left)
- Neutral pole with early make & late break (standard 4P)



S5F Series

- 125A–200A & 2000A–3150A (3P & 4P)
- Advanced neutral pole (early make – late break) in standard 4P
- Motorization Ready: Sizes 0 (125A–200A), 4 & 5 (1600A–3150A) with easy-to-install standalone kit



GORWIN SERIES ONLOAD CHANGEOVER - MANUAL TRANSFER SWITCH

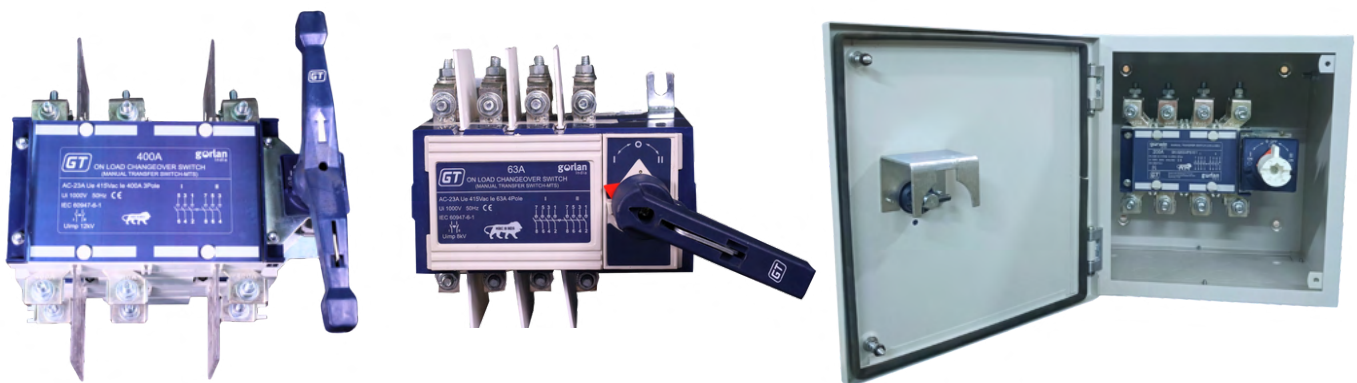
Gorwin Changeover Switches are reliable manual transfer switches designed to ensure safe and efficient load transfer between two electrical power sources. Built with high operating load capacity, and high level of disconnection insulation, and strong safety features, they provide secure switching operations even under abnormal conditions. Available in multiple configurations, sizes, and enclosures, Gorwin CHO offers flexibility for diverse applications.

Key Features:

- **Wide Current Range :** 63A to 1600A, available in 3P & 4P configurations.
- **Construction Options:** Open execution and sheet steel enclosed versions.
- **Standards Compliance:** AC-32B utilization category and isolation capability as per IEC 60947-6-1.
- **Operational Flexibility:** Choice of direct or panel-mounted handles.
- **Bypass Switch Option:** Available from 125A to 630A.
- **Accessories:** Auxiliary switches (1NO+1NC, 2NO+2NC), phase barriers, and handles.
- **Safety Assurance:** Clear position indication (I - 0 - II), independent of operator speed.
- Sheet steel enclosures available for 3P & 4P Changeovers & for by-pass changeovers as well

Functional & Aesthetic Handle

- Ergonomic design with excellent grip and torque resistance.
- Padlockable in all three positions (I - 0 - II).
- Door interlock in ON position for both sources.



Gorwin CHO ensures safe, reliable, and flexible manual power transfer – making it a trusted solution for critical applications.

AUTOMATIC TRANSFER SWITCH

RANGE: 40A - 1600A

An Automatic Transfer Switch (ATS) is an intelligent device that ensures continuous power supply by switching between two sources. Controlled by a microprocessor-based system, it constantly monitors both sources. If the primary source fails, the ATS automatically transfers the load to the backup source, ensuring uninterrupted power.

C1-ATS - X Without Controller

- External control signal for source I and II
- LED indicator for source I and II power indication, I and II open/close status indication
- Auto transfer auto recovery
- Potential free auxiliary contact 1NO + 1NC for source I and II

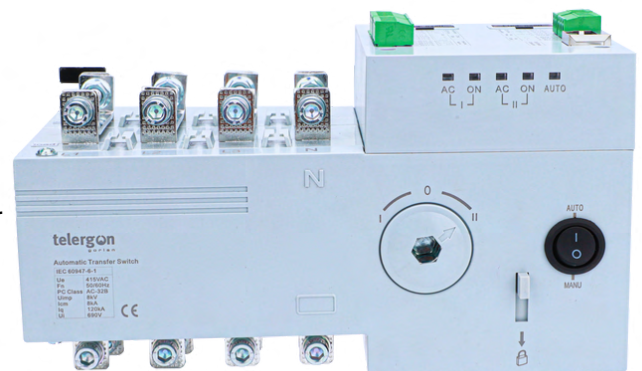


C1-ATS - G Without Controller

- External 230V supply for source I and II
- External command for 3 positions (0, I & II)
- LED indicator for source I and II for power indication, source I and II open/ close status indication
- Potential free auxiliary contact 1NO for source I and II

C1-ATS - L With Controller

- LED indicator for source I and II power indication, I and II open/close status indication
- Single phase & Three phase monitoring (phase sequence)
- Auto transfer auto recovery
- Generator Start/Stop control (DC12/24V aux power input)
- Under / over voltage & frequency protection
- Engine exerciser & Remote control
- Terminal Location Options:
 - T – Input at top, Output at bottom
 - B – Input at bottom, Output at top



F1 SERIES DC- COMPACT SWITCH DISCONNECTOR

Engineered for excellence, this switch disconnecter is IEC/EN 60947-3 compliant and built for seamless performance in rooftop solar and solar street light applications.

Key Features:

- Utilization category: DC-PV1 and DC-PV2
- Operates 32A at 1500V DC & 40A at 1000V DC
- Superior short circuit performance: withstands higher fault current ($I_{cw} = 1\text{ kA}, 1\text{ s}$)
- Highest rated insulation voltage: $U_i = 1500\text{ V}$
- Designed for harsh environments (Pollution Degree 3)
- Easy to install and maintain
- Different mounting options
- IP66 rated enclosure Solutions
- Universal Dimensions: Ensuring Compatibility and ease of integration



F7 SERIES DC- COMPACT SWITCH DISCONNECTOR

- Application: Specially designed for photovoltaic (PV) installations with multiple strings
- Current Range: Up to 55A, up to 1500V DC
- Poles: Available in 2P to 10P versions

Mounting Options:

- DIN Rail (DB)
- Panel Mounting (PM)
- Door Interlock (DC)
- Hole Mounting (HM)

Handle Types:

- Direct or external
- With or without lock
- Available in black or emergency red/yellow color

Standards & Compliance:

- Utilization Category: DC-PV1 & DC-PV2
- Compliant to IEC/EN60947-3 and UL508i standards



Your reliable solution for efficient solar installations!

LOAD BREAK SWITCHES



DC switch-disconnectors available for applications in 1000V DC and 1500V DC. Specially designed to be employed in PV applications such as solar inverters and combiner boxes.

- Wide current rating: from 40A to 3150A, 1000V DC & from 315A to 1800A, 1500V DC
- Quick make and break operations
- Wide range of devices accessories: direct & external handle, terminal shrouds, bridging links etc.,



S7 Series - MAGIC

High performance switch-disconnector

Based on innovative Magic patented technology, it is equipped with movable magnets that improve arc extinction.

- 125A - 500 A Rating 1500 Vdc
- No derating up to 70°C
- Movable magnets improve arc extinction
- Fast breaking capacity helps to reduce the contact wear and, consequently, ensures a longer life
- Easy to install
- IEC & UL switches available



S7MAGIC
PATENTED TECHNOLOGY

TFV - Compact DC Switch

DC compact switch with knife-type contacts and very low resistive connections to achieve higher operational efficiency.

- From 10A to 60A, 1000V DC
- Modular design, suitable for multi-string (multi-MPP) switching including mixed AC/DC applications
- Connection capacity up to 2x8 AWG, thus increasing at the same time isolation and creepage distance between different polarities.
- IP20 finger-proof contacts and links, and IP65 in rear mounting



AC/DC MOTORIZED APPLICATIONS

Motorized units to automate the drive system of the switches, with a high level of reliability, safety and ease of operations even in extreme conditions.

MOTORIZED SWITCH DISCONNECTORS



- From 125A to 3150A
- RS485 Modbus available (according to model)



MOTORIZED CHANGEOVER SWITCHES



- From 125A to 3150A
- RS485 Modbus available (according to model)



AC/DC MOTORIZED APPLICATIONS & ENCLOSED SOLUTIONS

Manual or motorized changeover switches with different monitoring, control and protection options

- From 10A to 3150A
- 3P, 3P+N & 4P version





telergon

Telergon is the switch specialist that anticipates its customers' needs through the research, design, manufacture and commercialization of low voltage power switching products and solutions.

Ctra. Castellon (Pgno.La Cartuja)
50720 La Cartuja Baja
Zaragoza-Spain

Tel.: (+34) 976 50 08 76
Fax: (+34) 976 50 03 14
comercial@telergon.es
www.telergon.com



pronutec

Pronutec is considered one of the leading companies specialised in fabrication and marketing of capital goods for the low voltage switchgear sector.

Parque Empresarial Boroa,
Parcela 2C-1
48340 Amorebieta
Vizcaya-Spain

Tel.: (+34) 94 631 32 34
Fax: (+34) 94 631 39 22
pnt@pronutec.com
www.pronutec.com



tripus

Tripus has become the leading manufacturer of complete switch-plug combinations for do-it-yourself and construction industries in Europe.
Am Hohen Rain 2
89347 Bubesheim

Am Hohen Rain 2
89347 Bubesheim

Tel.: (+49) 8221 9016-0
Fax: (+49) 8221 3073
sales@tripus.de
www.tripus.de



merytronic

Merytronic is a company with a high added value in research, development and production of electronic equipment, both fixed and portable, for monitoring, control and indication of electronic distribution networks.

Parque Empresarial Boroa,
Parcela 2C-1
48340 Amorebieta, Vizcaya-Spain

Tel.: (+34) 94 605 24 62
merytronic@merytronic.com
www.merytronic.com



gorlan

Gorlan germany After many years of experience in the German market, Pronutec GmbH was established to provide customers a more personalized and direct service.

Am Hohen Rain 2
89437 Bubesheim-Germany

Tel.: (+49) 8221 901 677
Fax: (+49) 8221 901 6777
germany@gorlanteam.com
www.germany.gorlanteam.com



plastibor

Dedicated to Plastics injection moulding, Plastibor separates production into two different sections: The thermosetting polymers section and thermoplastic materials section. In the first section thermoset polyester parts are moulded from moist polyester, and in the second section, thermoplastic materials such as polyamides, polycarbonates, PBT, PPS, PEI, PP, PARA, etc. are injected.

Parque Empresarial Boroa
Parcela 2C-1
48340 Amorebieta,
Vizcaya-Spain

Tel.: (+34) 94 648 26 87
Fax: (+34) 94 648 26 88
ptb@plastibor.com
www.plastibor.com



inaselec

Inaselec Assembly is a recent established Company within Gorlan group, is devoted to the manufacturing activity. As a result of this exclusive dedication to the manufacture and assembly by means of the most developed and modern systems, as well as rigorous quality controls, Inaselec offers as excellent end product.

Pol. Fuente Ciega-C/Encinas, 40
26200 Haro, La Rioja-Spain

Tel.: (+34) 941 89 49 00
inaselec@inaselec.com
www.inaselec.com

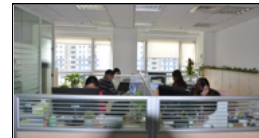


gorlan

Gorlan Polska was established to spread the group's solutions and attend local customers' needs in the Polish market.

uL.Zeromskiego 18
56-420 Bierutow-Polska

Tel.: (+48) 71 315-63-21
Fax: (+48) 71 314-62-35
polska@gorlanteam.com
www.polska.gorlanteam.com

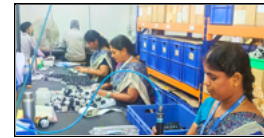


gorlan

Gorlan Electric Shanghai was established to offer its group's solutions to the Chinese market in order to attend to his market's needs in the most customised and efficient fashion possible.

Office 1505, Sino Life Tower
No. 707 Zhangyang Road
Pudong, Shanghai 200120-
China

Tel.: (+86) 2158 88 92 86
shanghai@gorlanteam.com
www.shanghai.gorlanteam.com



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Gorlan India Switchgears Private Limited was formed as a result of the merger of Gem Telergon Switchgears Pvt Ltd and Gorlan Technologies Pvt Ltd.

24, Textool Feeder Industrial
Estate, Ganapathy
Coimbatore - 641 006 - India

Tel.: 00422 - 4376841
info@gorlanindia.com
www.india.gorlan.com

Gorlan India is a complete provider of AC and DC LV switchgear solutions, including design, manufacturing, and service for the current and emerging needs of the Indian market. As part of the Spanish industrial group Gorlan, it is strongly committed to product innovation, customer satisfaction and lasting value proposition for money. It's global presence and a deep knowledge of the local markets has enabled the group to develop a wide portfolio of products to meet the standards prescribed by IEC & UL. The ability to offer customized solutions is the group's USP.



Gorlan India Switchgear Pvt. Ltd.
Administrative and Registered Office:
24, Textool Feeder Industrial Estate
Ganapathy, Coimbatore - 641 006
India

Tel : 00422 - 4376841
E-Mail : info@gorlanindia.com
Web : www.india.gorlan.com
CIN : U32109TZ1999TC008747

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