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PROFESSIONAL

WATERPROOF SWITCHES & CONNECTORS FOR PROFESSIONAL APPLICATIONS



RELIABILITY, INNOVATION, QUALITY, INTEGRITY

A MODERN PARTNER IN ELECTRONIC AND ELECTROMECHANICAL COMPONENTS

Omega is a leader in the distribution and production of electronic and electromechanical components, offering dedicated services to support and strengthen customer relationships.

Today, Omega is an international group in steady growth, with branches across Europe and a structured plan for further expansion. It positions itself as a modern, reliable partner for the distribution of electrical and electromechanical components.



OUR PARTNERS: AN ADDED VALUE

CHOSEN THROUGH YEARS OF EXPERIENCE,
OUR PARTNERS ENSURE THE HIGHEST
STANDARDS.

With a strong presence across Mediterranean Europe, Omega covers all major markets and application areas, maintaining a direct and constant relationship with its customers - always focused on maximum efficiency.



MINIATURE TOGGLE SWITCHES

Ø6,35 TOGGLE SWITCHES



From 1 to 4 poles
50mA/10VDC, 4A/30VDC
Brass, nickel plated lever
Silver contacts, solder lug
50.000 cycles - Approved
Also available with other lever types

Ø11,9 TOGGLE SWITCHES



From 1 to 4 poles
50mA/10VDC, 4A/30VDC
Brass, nickel plated
Silver contacts, solder lug
50.000 cycles - Approved
Also available with other lever types

250V TOGGLE SWITCHES



Single and double pole
3A/250VAC, 6A/125VAC
Silver contacts, solder lug
Brass, chrome plated lever with insulating cap
Approved

Ø10 CONIC TOGGLE SWITCHES



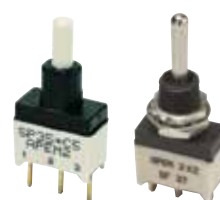
Single and double pole
2A/220VAC, 3A/110VAC, 3A/24VDC
Silver contacts
Brass, nickel plated lever
50.000 cycles

Ø4,9 MINI SWITCHES



500mA/48V
Unipolar
Brass, nickel plated lever
Brass silver plated contacts, solder lug
10.000/20.000 cycles
Push-button version also available

Ø6,5 PLASTIC SWITCHES



4A/30VDC
Unipolar
Brass nickel plated lever
Silver contacts, solder lug
40.000 cycles

PROFESSIONAL SWITCHES



4A/30VDC - Brass chrome plated lever
Silver contacts, solder lug
50.000 cycles
Push-button version also available

NOTE: SEALING BOOTS, WASHERS, AND CAPS ARE AVAILABLE FOR ALL SERIES

INDUSTRIAL TOGGLE SWITCHES

UNIPOLAR SWITCHES



Ø12mm - 15A/250V, 10A/400V
 Brass nickel plated lever
 Silver/nickel alloy contacts (faston 6,3 or screw)
 10.000 cycles - Approved
 Also available with special lever options

BIPOLAR SWITCHES



Ø12mm - 15A/250V, 10A/400V
 Brass nickel plated lever
 Silver/nickel alloy contacts (faston 6,3 or screw)
 10.000 cycles - Approved

THREE-POLE SWITCHES



Ø12mm - 15A/250V, 10A/400V
 Brass nickel plated lever
 Silver/nickel alloy contacts (faston 6,3 or screw)
 10.000 cycles - Approved

FOUR-POLE SWITCHES



Ø12mm - 15A/250V, 10A/400V
 Brass nickel plated lever
 Silver contacts (faston 6,3)
 10.000 cycles
 Drilled lever upon request

PLASTIC LEVER SWITCHES



Ø12mm - 15A/250V
 Unipolar or bipolar
 Polyamide lever
 Silver/nickel alloy contacts (faston 6,3 or screw)
 10.000 cycles - Approved

PLASTIC SWITCHES



Ø12mm - Unipolar o bipolar
 2A/250V, 3A/125V
 Copper silver plated contacts
 Polyamide 6-6 lever
 Melamine-phenolic body
 10.000 cycles - Approved
 Push-button version also available

PUSH-BUTTONS WITH COLORED ACTUATORS



Ø12mm - 2A/250VAC, 2A/24VDC, 3A/12VDC
 Copper silver plated contacts (faston 6,3 or screw)
 Polyamide actuator and body
 10.000 cycles
 Black, red, green and chrome plated actuators

FLAP GUARDS



Platic and metallic guards
 -40°C + 85°C (metallic) -20°C + 55°C (plastic)
 Test KA 96h (metallic)
 10.000 cycles
 Different colours available

ACCESSORIES



Caps
 Ring nuts
 Sealing boots
 Various material and shapes available

NOTE: SEALING BOOTS, WASHERS, AND CAPS ARE AVAILABLE FOR ALL SERIES

MILITARY SWITCHES

TOGGLE SWITCHES



Ø12mm - Single or double pole
 15A/28V resistive, 15A/28V inductive
 Bright nickel lever
 Silver alloy contacts
 10.000 cycles
 IP67/IP69K

MINIATURE TOGGLE SWITCHES



4A/28VDC
 Brass, black chrome plated lever
 Gold plated silver contacts, solder lug -
 Push-button version also available
 MIL-DTL 3950, MIL-DTL 83731

IP67 PUSH-BUTTONS AND SWITCHES

HALL EFFECT ROTARY SWITCHES



IP67/IP68
 Hall effect
 Single axis
 Output options: Quadrature, single, dual
 Rear mounting
 Normal, RGB, 360° and friction hold versions

THUMB CONTROL JOYSTICKS



Ø16 - Up to IP69K
 1.000.000 cycles
 2 axes + pushbutton

START-STOP PUSH-BUTTONS



Unipolar or bipolar
 4A/12VDC
 Illuminated
 Ø24, Ø26 and Ø30mm
 Panel mounting and snap-in
 Solder lugs contacts
 IP69K (except Ø30)

IP67 PUSH-BUTTONS



Wide range of IP67 push-buttons
 Ø12 or Ø16mm
 Unipolar
 Also illuminated
 Also approved
 PCB, solder lugs, quick-connect or flying leads contacts
 Momentary or latching series

NO-FROST PUSH-BUTTONS



Ø16 and Ø25mm
 Polyurethane actuator
 Gold plated silver contacts (Faston 2.8mm or Flying leads)
 1.000.000 cycles
 IP67
 Different colors available

PUSHBUTTON SWITCHES



Ø12mm
 Unipolar
 2A/28VDC
 Also illuminated
 Markable - interchangeable caps
 Solder lugs contacts

WITH ELASTOMER MEMBRANE



Ø12mm - Unipolar
 Strong tactile feedback
 IP67, IP69K
 2A/28VDC
 Panel mounting - Also illuminated
 Solder lugs or flying leads terminals
 Namur output option

NAMUR CONTACT



Ø16mm
 10mA, 5 to 24VDC
 Also illuminated
 Snap-in
 IP69K (front), IP67 (back)
 NAMUR contact to detect potential failures
 2.000.000 cycles

VANDAL RESISTANT PUSH-BUTTONS

Ø16 SWITCHES



Up to IP65
 0,2A/48VDC, 1A/24VDC
 Momentary or latching
 Flat or curved actuator

Ø19 SWITCHES



IP65, IP66 or IP68
 Latching or momentary
 Illuminated or not (different colors)
 Low profile, protruding and domed versions
 Silver/Silver plated contacts

Ø22 SWITCHES

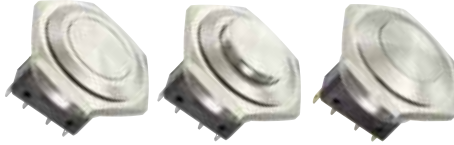


IP65, IP67
 Latching or momentary
 Also illuminated (different colors)
 Also available a series with a thermoplastic actuator

Ø24 SWITCHES



IP65, IP69K
 5A/250V
 Flat, curved or concave shape
 Momentary
 Approved

Ø28 SWITCHES

Also IP66
5A/250V
Steel actuator
Tinned brass contacts
Low profile, protruding and domed actuators

Ø30 SWITCHES

Up to IP67
Illuminated
Markable
1A/30VDC
Momentary
Flat

Ø32 SWITCHES

5A - Stainless steel
Solder tinned brass contacts
IP68
Low profile or protruding actuators

250V SWITCHES

Ø16, Ø19, Ø22mm
IP65/IP66
1A/250 or 5A/250V
Low profile, protruding, curved or domed
Steel
Also illuminated

PIEZO SWITCHES**Ø16 SWITCHES**

IP68, IP69K
200mA/24V
Anodized aluminium
Flying leads contacts
2N to 6N
50.000.000 cycles
Prominent or flush - Different colors available

Ø19 SWITCHES

IP68, IP69K
200mA/24V
Anodized aluminium
Flying leads contacts
2N to 6N - 50.000.000 cycles
Different colors available
Also illuminated (different led colors)

Ø22 SWITCHES

IP68, IP69K
200mA/24V
Anodized aluminium
Flying leads contacts
2N to 6N
50.000.000 cycles
Different colors available
Also illuminated, dot or ring (different led colors)

Ø30 SWITCHES

IP68, IP69K
1A/24V
Anodized aluminium
Flying leads contacts
6 to 12 N - 50.000.000 cycles
Different colors available
Ring illumination: flush or prominent ring

SEALED ROCKER SWITCHES

FNR SERIES



3 positions
Unipolar or bipolar
1A/24VDC
Illuminated
SIL2 compatible
IP69K
1.000.000 cycles
Ø20,2mm
Solder lugs, flying leads or connectors terminal options

KR SERIES



Customizable with a wide range of symbols
IP68
Unipolar or bipolar
10A/24VDC
Illuminated
Panel cut: 36,8x21x08mm
Solder lugs, quick connect, screw or connectors terminal options

KL SERIES



Unipolar or bipolar
10A/24VDC
Illuminated
Snap-in
Panel cut: 36,8x21,08mm
Solder lugs, quick connect, screw or connectors terminal options

KI SERIES



Indicators
IP68
Wide choice of bezel colours
Wide choice of LEDs
6/12/24VDC
20mA
Customizable with a wide range of symbols

KG SERIES



Unipolar or bipolar
IP65 - 15A/12VDC
Also illuminated
Snap-in
Panel cut: 36,8x21,08mm
Solder lugs, quick connect, screw or connectors terminal options

MT SERIES



Unipolar - 4A/30VDC
Mounting options: Vertical
Through-hole
Panel cut: Ø17,65mm
Solder lugs or PCB terminals
Environmentally sealed to IP68
Black or bright chrome finish

ACCESSOIRES



Rockers (also single or double open)
Lenses - Engraved or not engraved
Mounts
Removing tools
Connectors
Hole plugs - Wide range of colors

LED INDICATORS

PROTRUDING INDICATORS



Ø6, Ø8, Ø12, Ø14, Ø16, Ø19, Ø22mm

Bright chrome brass

Fixed light

Solder lug or faston

With integrated resistor

6/12/24VDC

Wide range of colors

IP67 - 100.000 cycles

FLUSH PANEL INDICATORS



Ø6, Ø8, Ø14, Ø16, Ø22mm

Bright chrome brass

Fixed light

Solder lug or faston

With integrated resistor

6/12/24VDC

Wide range of colors

IP67 - 100.000 cycles

VANDAL RESISTANT INDICATORS



From Ø6mm

Protruding and flush series

Brass silver plated contacts or leads

IP67

Wide range of led colors

NVIS LED INDICATORS



Ø6, Ø8, Ø14mm

2VDC, 28VAC/DC

Black or anodized

Pins and wires terminals

Fixed light, bi-color, tri-color, night vision

Compliant to MIL standard 3009

IP67

Standard, super or hyperbright colors

JOYSTICKS

THUMB JOYSTICKS



IP67 or IP69K

Options from 300.000 to 3.000.000 cycles

Hall effect or switching technology

Up to 2 axis

Single, dual, analog, PWM or USB output option

FINGER JOYSTICKS



IP65, IP66 or IP67

Options from 1.000.000 to 10.000.000 cycles

Hall effect, potenziometer or switching technology

Up to 3 axis

Single, dual, analog, PWM, USB, CANbus or detents output options

HANDGRIP JOYSTICKS



Up to IP67

5.000.000 or 10.000.000 cycles

Hall effect

Up to 3 axis

Single, dual, analog, USB or CANbus output options

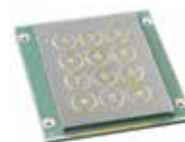
KEYPADS

CANBUS



Elastomer - Illuminated
Custom marking options
Snap-in
IP65
1.000.000 operations
Rectangular

METAL



Stainless steel
Also illuminated
Custom marking options
Front and rear mounting
IP65
1.000.000 operations
IK07 or IK09
Different key shapes

PNEUMATIC AIR SWITCHES

AIR SWITCHES



Standard and low pressure
Back or side entry spout
Choice of alternate & momentary action
UL/CSA Approvals available

PUSHBUTTON ACTUATORS



Ø38, Ø50, Ø63, Ø64 actuators - Mini or large versions
For humid environment
Material: Plastic, Brass & Stainless Steel
Combine with an airswitch for safe, waterproof switching

BELLOW ACTUATORS



For hand & foot operation
Large panel mount or pneumatic bellows, side or base entry
Use with airswitches
Various tubing lengths

IP68 CONNECTORS

MICRO & MINI BUCCANEER



IP68, IP69K
 Bayonet or screw locking
 Up to 13A, 600V AC/DC
 Plastic body - 2 to 12 no. of contacts
 19mm - 19.7mm

STANDARD BUCCANEER



IP68, IP69K
 Screw locking - 38mm
 Up to 12A, 227V AC/DC
 Plastic body - 2 to 25 no. of contacts
 Also available in the Vitalis version,
 made from bio-based plastic



30° TWIST LOCK BUCCANEER



IP68, IP69K
 Up to 16A, 227V AC/DC
 Metal or plastic body - 2-22 nr. of contacts
 32mm

HIGH POWER CONNECTORS



IP68, IP69K
 Bayonet or screw locking
 Up to 225A, 1250V AC
 Plastic body - 2-11 nr. of contacts
 From 50mm up to 80.67mm

DATA CONNECTORS



IP67, IP68, IP69K
 Up to 32A 600V AC/DC
 Coaxial, USB (2.0, 3.0, 3.2), HDMI and
 Ethernet (Cat5e, Cat6a, Cat8 RJ45)
 Metal or plastic
 Bayonet, 30° twist lock or screw locking

FIBER CONNECTORS



IP68, IP69K
 Bayonet, 30° twist lock or screw locking
 19mm, 19.6mm, 38mm
 Operating temperature -50° to +80°

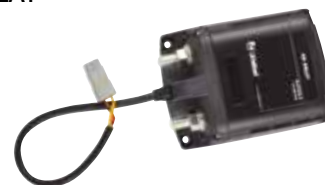
TRANSPORTATION

BATTERY DISCONNECT SWITCHES



Single-pole and double-pole options
 Actuator style options: push-button, T-handle, rotary knob and lever
 Housings made of various metals or thermoplastic
 Different IP ratings available

BATTERY DISCONNECT RELAY



Bi-stable latching relays
 From 100A to 3kA
 Max. voltage 12V or 24V
 Dustproof and waterproof ratings of IP65, IP67, or IP69K
 Options: automatic, key-operated or remote-controlled versions
 Time-delayed also available

PDM - POWER DISTRIBUTION MODULES



12, 24, 32, 60VDC
 Up to 350A - Up to IP69K
 Different mating connectors
 Each solution supports flexible configuration with different fuses and relays

HARD WIRED BOXES



68, 100, 130 or 250A - Up to IP69K
 Different mating terminals & seals
 6, 12, 18 or 60 cavities
 Each solution supports flexible configuration with different fuses and relays
 Not pre-populated

CUSTOM POWER DISTRIBUTION MODULES



Customizable PDM enclosures based on client requirements

FUSEHOLDERS



For MINI, MAXI, ATOF, MIDI fuses - Also with IP grade

AUTOMATED INNOVATION

SERVICE

- Delivery in 48 hours
- Over 32,000 part numbers instock
- Multilanguage catalogue
- Updated on-line catalogue
- Yearly Fixed price



CUSTOMIZATION

- Custom packaging
- Barcodes
- Fuses with custom characteristics
- Kit on request



AUTOMATIONS

- Wiring products
- Technical modifications
- Assembled

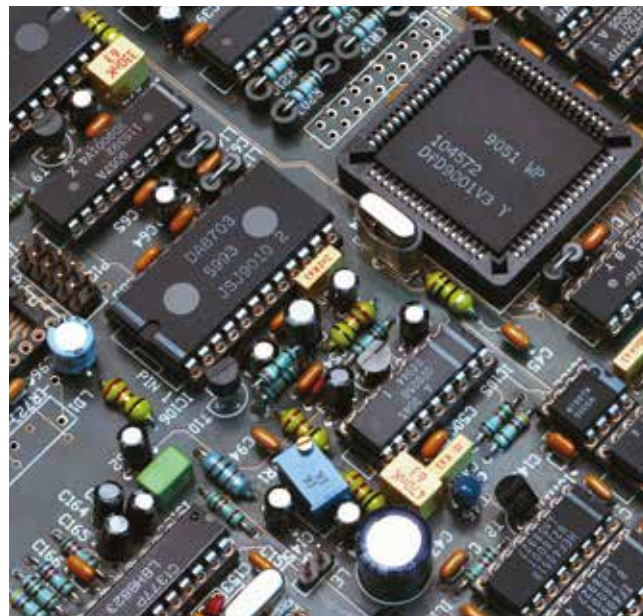


A WORLD OF APPLICATIONS



AUTOMATION

- Control and management of industrial production processes



ELECTRONIC AND ELECTRICITY

- PBC
- Low and Medium Voltage
- Electric panels



VEHICLES

- Automotive
- Transports
- Agriculture
- Marine



LIGHTING

- Industrial plants
- Design

**DEFENSE**

- Military vehicles
- Communication systems
- Controllers

**ELECTRICAL APPLIANCES**

- Large and small appliances
- Industrial appliances
- Professional cooking

**GREEN ENERGY**

- Photovoltaic
- Renewable
- Electric Vehicles
- Storage

**HVAC**

- Refrigerated counters
- Hot/Cold systems
- Heating

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