



RESISTANT TO AGGRESSIVE USE

Either installed in lifts, door openers or access control systems, vending machines or kiosks, our interface solutions withstand all types of aggressive use.

The standard use of resistant materials like stainless steel or flame-retardant plastics and robust contact mechanisms ensure the durability of our products.

A lab guarantee, IK and IP tested & qualified products

Resistance to demanding environmental requirements (rain/frost/salt/UV)

Resistance to vandalism

Customised products

Materials, colours, contrast, bright or dim illumination, embossing, Braille marking, shapes and dimensions... unlimited combinations are possible.



IN EMERGENCY PUSH

PANEL MOUNTED SWITCHES PCB MOUNTED SWITCHES JOYSTICKS SWITCH PANELS LED INDICATORS

LET'S IMAGINE SOLUTIONS TOGETHER

A WORLDWIDE PRESENCE

SECURITY

FLEXIBLE DESIGN

With a vertically-integrated production, APEM controls all phases of product development and manufacturing: tooling, moulding, screw machining, marking and assembly.

This flexibility allows us to create a huge variety of products. We certainly have the configuration meeting your requirement. Do not hesitate to request new colours, specific materials, a special backlighting or varied shapes.

APPEALING AESTHETICS

Cooperating with industrial designers, our teams set high standards for the aesthetics and finish of the products they develop. Either in the choice of materials or shapes, every detail is considered to improve the visibility and accessibility of our interface solutions.

Specific marking of tactile areas, high brightness illumination for outdoor applications, illuminated rings without hotspots, particular attention is paid to the cosmetic appearance of our interfaces to best match your equipment.

Whatever the location, an APEM team ready to assist your requirement.

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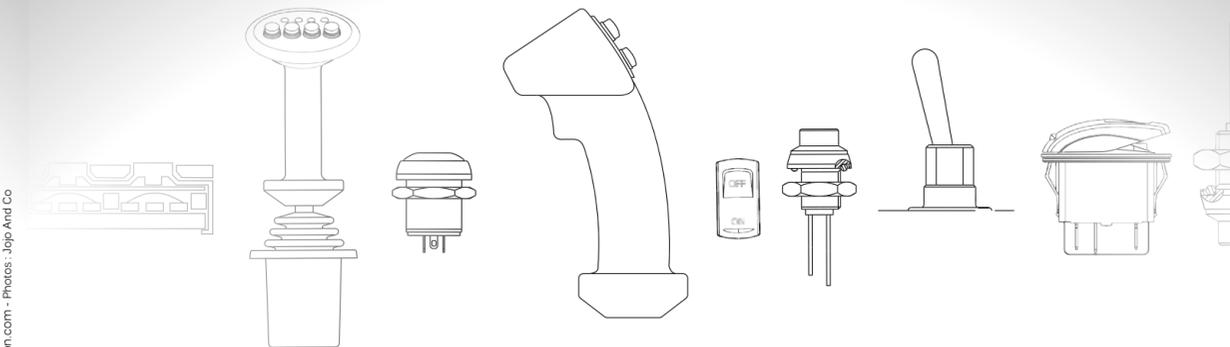
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AND MORE THAN 130 DISTRIBUTORS WORLDWIDE
(List available on www.apemgroup.com)

MSEC1211A - Designed by couleur-citron.com - Photos: Jop And Co



www.apemgroup.com

A WORLD OF SWITCHING CAPABILITIES

ACCESS CONTROL

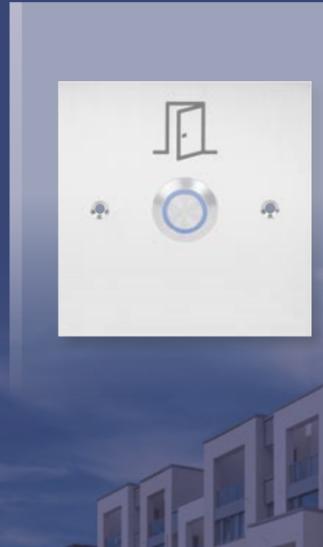
TAILOR-MADE SOLUTION

100% RESISTANT

ANTI-VANDAL SOLUTION



Specific switch panel, Braille marking and homogeneous backlighting



Robust contacts and mechanism



Irremovable anti-jamming switches, waterproof and fire-resistant

TICKETING

TOTAL SEALING



Rain / frost / dust

CUSTOMIZED DESIGN



Specific backlit logo

SPECIFIC TECHNOLOGY



Backlighting for outdoor use
Manufacturing according to bank safety standards

CCTV

PLUG & PLAY



3 axes hall effect joystick / programmable switch panel / Jog & shuttle dial / standard USB 2.0 interface

PANEL MOUNTED SWITCHES PCB MOUNTED SWITCHES JOYSTICKS SWITCH PANELS LED INDICATORS

Series	Sealing Technical specifications	Design	Custom options	Robustness
Metal keypads	IP65 Salt environment	Brushed 316 stainless steel Colour legends Low behind-panel depth Backlighting up to 3 colours Illuminated rings and legends Supplied w. stainless steel front face (series 8) Ø14mm round keys (series 82)	Independent key modules Round keys (Ø17, Ø20) or square keys (17x17, 22x22) (Series 9) Square keys (12.5x12.5 ou 15x15)(Series 8) Braille embossing Supplied with or without front face Optional addition of indicators or displays Compatible w. standard APEM interfaces: CAN, USB, RS232, ZigBee Customizable front face shape and key layout	Indelible recessed marking Protection up to IK09 (Series 9) or IK07 (Series 8) Life expectancy > 1 million cycles
Membrane switch panels	IP68	Small thickness (less than 1mm) Tailored design at competitive cost (low capital investment)	Numerous options LED indicators Tactile feedback Connectors	Life expectancy > 1 million cycles
Capacitive switch panels	IP69K	Small thickness Uniform backlighting	-	Up to IK10 Unlimited life expectancy
Rubber keypads	IP68	Tactile feedback Backlighting	-	Life expectancy > 1 million cycles
Q LED Indicators	IP67 (option) UL	Wide choice of colours & illuminations 6/8/12/14/16/19 and 22mm models Three bezel shapes Three bezel materials (black, bright or satin chrome) Low behind-panel depth	Marking/engraving on flush version From 2V to 220 Volts Wire or faston terminals	IK10 version available on request Life expectancy > 100 000 hours

Series	Sealing Technical specifications	Design	Custom options	Robustness
AV	Up to IP69K	Metal Many standard shapes	Illuminated, single or bi-colour LED Several terminal types Choice of anodized colours Custom shapes	Up to IK10
PBA	Up to IP69K	Metal	Illuminated, single, bi-colour or tri-colour LED Several terminal types Custom shapes Choice of anodized colours	Life expectancy > 50 million cycles
CP	IP69K	Metal Sensitive - Activated by the touch of a finger	Illuminated, single, bi-colour or tri-colour LED Several terminal types Custom shapes Choice of anodized colours	IK10 Life expectancy > 50 million cycles
CG	-	Sensitive - Activated by the touch of a finger Mounting under glass or polycarbonate panels No panel cut-out required Easy to clean, shock resistant, sealed	Illuminated Silkscreen printed marking	Depending on panel robustness Life expectancy > 50 million cycles
I	Up to IP67 UL versions	Very wide range Metal or plastic case Dia. 12mm to 25mm actuators	Illuminated Marking Wide choice of colours and shapes	IK06 Life expectancy > 1 million cycles
Navimec	IP67	Flush with panel Low behind-panel depth	Illuminated Marking Several key colours Several operating forces	Life expectancy > 10 million cycles

Series	Sealing Technical specifications	Design	Custom options	Robustness
RS Desktop	3 axes joystick 6-key switch panel Standard USB interface	Modern design with metal insert Ambidextrous	Marking of housing and keys on demand	-
IP Desktop family	2 or 3 axes joystick 10 to 12 buttons and keys Standard USB interface	Industry standard for PTZ control! Ambidextrous Available with «Soft touch» finish Available with backlit keys	Custom marking of housing and keys on demand	-
VM Desktop	3 axes joystick 27 keys Standard USB interface	Modern and ergonomic design Palm rest on «Soft touch» version	Marking of housing and keys on demand	-
HF	1 to 3 axes joystick Available with USB output	Finger operated Compact behind panel	Numerous handles	Up to IP67
TS	1 or 2 axes joystick Available with USB output	Miniature Very compact behind panel	Numerous handles	Up to IP69K