

GENERAL CATALOGUE 27



AVOTEC®
DA SEMPRE SICUREZZA

ITALIAN PRODUCTION

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ABOUT US

Established in 1996 AVOTEC S.r.l. is a company specializing in the design, construction and marketing of sirens electronics, optical/acoustic signalers, as well as countless safety related accessories.

Avotec as quickly became one of the leading companies in the security field.

AVOTEC has quickly become one of the leading security companies. In 2012, AVOTEC obtained the certification for the ISO 9001: 2015 quality system.

The points on which our strength is based are:



- High level of professionalism



- Unlimited support



- Option of exclusive customisation



- Option of custom-made products according to customer requirements (OEM)

Currently our products have the following certifications:



- IMQ



- QUALILAB



- INCERT per il Benelux



FEDERAZIONE NAZIONALE IMPRESE ELETTROTECNICHE ED ELETTRONICHE

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General
Direction
Seller
Tecnichal
Quality
Administration
Buyer
Secretary

01

INTRUSION SIGNALLING



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OUTDOOR SIRENS:

- _ MOON Series
- _ VENUS Series
- _ NOVA Series
- _ STAR Series
- _ ERIS Series
- _ ERIS L Series
- _ AX Series

INDOOR SIRENS:



MOON SERIES

INTRUSION
SEGNALLING



OUTDOOR SIRENS
MOON

COMBINATION OF DESIGN AND FACILITY



It is the result of a process, the draft stipulates that the goodness of the know-how of AVOTEC. Speed of assembly, facility and design are the strengths of this new series...
The detail makes the difference.



01



MOON 11



MOON 12



MOON 13



MOON 14

02



MOON 21



MOON 22



MOON 23



MOON 24

03

04



MOON 41



MOON 42



MOON 43



MOON 44

05

06



MOON 51



MOON 52



MOON 53



MOON 54

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MOON 61



MOON 62



MOON 63



MOON 64

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FEATURES	J	J/AS	S	S/AS	V	V/AS	WL	WL/AS				
Power supply	13.8Vdc					7.5Vdc						
Stand-by absorption	0.013A		0.02A			0.00006A						
Max absorption	1,7A		1A		1,1A		0.51A					
Double frequency communication bidirectional	--					X						
Sound pressure @ 1m	118dB					115dB						
Connection 2 or 3 wires	X					--						
Battery 7.5V - 13.0 A	--					X						
Battery capacity 12V 2,2 A/h not included	X					--						
Electromechanical opening and removal tamper	X											
Electromechanical detection foam tamper	--	X	--	X	--	X	--	X				
High brightness flash leds	X											
Programmable type of flashing in alarm condicions	--	X										
Block of siren for maintenance	X					--						
Light diffuser	X											
"Low battery" acoustic signal	X	--										
Programmable "system status signaling"	X											
Horn-Flash-battery low-O/C output signaling	--	X					--					
Horn-Flash-battery low-relè output signaling (MGS module)	--					X						
On board led anomaly	--	X					--					
Programmable alarm memory	--	X					--					
Intelligent battery connection	--	X					--					
Customizable voice messages	--				2		--					
Programmable alarm modulation	--	X										
Timed alarm condiction	X											
Programmable daily alarms	--					X						
USB port to download MSG1 and MSG2 messages	--				X		--					
Input protection	IP34											
Operating temperature	from -25 up to +55°C											
Weight	1950g						2700g					
Dimensions	230 x 310 x 85mm											
Centralizing device	X											
Security level	2											
Environmental class	IV											
Impact resistance	IK 08											
Complies with EN 50131-4	X											
Complies with CE RED	--					X						
MIC VO 01-microphone	--				Optional		--					



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VENUS SERIES

INTRUSION
SEGNALLING



OUTDOOR SIRENS
VENUS

BEAUTIFUL AND EFFECTIVE



The second project of the new AVOTEC's route, the name describes its beauty in symbiosis with the easy way of installation and use. Elegance took shape!



01



VENUS 11



VENUS 12



VENUS 13



VENUS 14

02



VENUS 21



VENUS 22



VENUS 23



VENUS 24

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VENUS 41



VENUS 42



VENUS 43



VENUS 44

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VENUS A

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11

FEATURES	J	J/AS	S	S/ AS	V	V/AS	WL	WL/AS	A						
Power supply	13,8Vdc					7,5Vdc		113,8Vdc							
Stand-by absorption	0,013A		0,02A			0,00006A		0,013A							
Max absorption	1,7A		1,5A		1,1A		0,51A		1,6A						
Double frequency communication Bidirectional	--					X		--							
Sound pressure @ 1m	118dB					115dB		118dB							
Connection 2 or 3 wires	X					--		X							
Battery 7,5V - 13,0 A	--					X		--							
Battery capacity 12V 2,2 A/h not included	X					--		X							
Electromechanical opening and removal tamper	X														
Electromechanical detection foam tamper	--	X	--	X	--	X	--	X	--						
High brightness flash leds	X														
Programmable type of flashing in alarm condition	--	X							--						
Block of siren for maintenance	X					--		--							
"Low battery" acoustic signal	X	--							--						
Programmable "system status signaling"	X														
Horn-Flash-battery low-O/C output signaling	--	X				--		--							
Horn-Flash-battery low-relè output signaling (MGS module)	--					X		--							
On board led anomaly	--	X				--		--							
Programmable alarm memory	--	X				--		--							
Intelligent battery connection	--	X				--		--							
Customizable voice messages	--			2		--		--							
Programmable alarm modulation	--	X							--						
Timed alarm condition	X														
Programmable daily alarms	--					X		--							
USB port to download MSG1 and MSG2 messages	--			X		--		--							
Input protection	IP34														
Operating temperature	from -25 up to +55°C														
Weight	2050g					2800g		2050g							
Dimensions	233 x 320 x 98mm														
Centralizing device	X														
Security level	2														
Environmental class	IV														
Impact resistance	IK 08														
Complies with EN 50131-4	X														
Complies with CE RED	--					X		--							
IMQ quality Mark	--	X	--				--		--						
INCERT Certification	--	X	--				--		--						
MIC VO 01-microphone	--			Optional		--		--							



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THE RESTYLING OF A MYTH

To have new ideas and solutions has always been AVOTEC's prerogative, with NOVA we wanted to propose the same design as our EKO K, a MYTH, keeping the metal structure but with a brand new heart, able to give acoustic signals for alarm interventions, as better suits your needs.

The light diffuser, a new concept of AVOTEC, ensures the flashing light an excellent visibility even in daylight.

The colors of the cover, metallized and micalised, are a further proposal that is directed towards the market.





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NOVA 11



NOVA 12



NOVA 13

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NOVA 21



NOVA 22



NOVA 23

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NOVA 31



NOVA 32



NOVA 33



NOVA 41



NOVA 42



NOVA 43



INTRUSION SEGNALLING

OUTDOOR SIRENS NOVA



NOVA 51



NOVA 52



NOVA 53



NOVA 61



NOVA 62



NOVA 63



NOVA 71



NOVA 72



NOVA 73



NOVA X1



NOVA X2



NOVA X3



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FEATURES	J	J/AS	JX	JX/AS
Power supply		13,8Vdc		
Stand-by absorption		0.004A		
Max absorption		1.5A		
Sound pressure @ 1m		118dB		
Connection 2 or 3 wires (command)		x		
Programmable "system status" signaling		x		
Battery capacity 12V 1,3 or 2,2 A/h		x		
Electromechanical opening and removal tamper		x		
Electromechanical detection foam tamper	--	x	--	x
High brightness flash leds		x		
Programmable alarm modulation		x		
Block of siren for maintenance		x		
Horn-Flash-battery low-O/C output signaling + LED (on sounder board)		x		
Timed alarm condiction		270"		
Programmable alarm memory		x		
Input protection		IP34		
Operating temperature		from -25 up to +55°C		
Weight		2700g		
Dimensions		230 x 230 x 70mm		
Galvanized sheet painted in RAL 9010 color external cover	x		--	
Stainless external cover	--		x	
Security level		2		
Environmental class		IV		
Impact resistance		IK 08		
Complies with EN 50131-4		x		
IMQ quality Mark				
INCERT Certification				



INTRUSION
SEGNALLING

OUTDOOR SIRENS
STAR

STAR SERIES

GIVING SHAPE A MEANING



Everything we do at AVOTEC has a logic architectural meaning. STAR was the first siren to recall the SHAPE of a bell, reminiscent of old alarm signals.

STAR is made of polycarbonate and ABS plastic material, features a modern and much appreciated electronics. It is available in different colors for both the cover and the flashing light.



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FEATURES	LI	LI/AS
Power supply	13,8Vdc	
Stand-by absorption	0,013A	
Max absorption	1,6A	
Sound pressure @ 3m	100dB	
Connection 2 or 3 wires	x	
Battery capacity 12V 1,3 or 2,2 A/h not included		x
Electromechanical opening and removal tamper		x
Electromechanical detection foam tamper	--	x
High brightness flash leds	x	
Block of siren for maintenance	x	
Programmable "system status" signaling	x	
Timed alarm condition	x	
Input protection	IP34	
Operating temperature	from -25 up to +55°C	
Weight	1700g	
Dimensions	230 x 310 x 85mm	
Centralizing device	x	
Security level	2	
Environmental class	IV	
Impact resistance	IK 07	
Complies with EN 50131-4	x	



STAR LUX LI



STAR WHT LI



INTRUSION
SEGNALLING

INDOOR SIRENS
ERIS

ERIS SERIES

ART MEETS FORM



What is the sign, what track you want to leave when you draw a FORM.

What is its use in security. With ERIS we answer these questions, looking at it, we realize the beauty and harmony of its curves, its design is refined but simple.



01

FEATURES	ERIS	ERIS L
Power supply	13.8Vdc	
Max absorption	0.17A	0.21A
Sound pressure @ 1m	114dB	103dB
Activation by power on	x	- -
Activation programmable	- -	x
Flash programmable	- -	x
Type of sound programmable	- -	x
Electromechanical opening tamper	x	
High brightness flash leds	- -	x
Input protection	IP31	
Operating temperature	from -10 up to +50°C	
Weight	110g	140g
Dimensions	150 x 100 x 42mm	
Colour	White RAL9010	
Security level	2	
Environmental class	II	
Impact resistance	IK 07	
Complies with EN 50131-4	x	

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ERIS



ERIS L



INTRUSION
SEGNALLING

INDOOR SIRENS
AX

THEY ARE "LITTLE" ... BUT THEY ARE MADE TO BE FEEL!

Smart design, high performance, low consumption, powerful.
Those are small devices with great effect and powerful,
are primary objects for residential acoustic signaling.

AX SERIES





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FEATURES	AX98	AX105	AX112
Power supply	13.8Vdc		
Max absorption	0,17A	0,21A	0,11A
Sound pressure @ 1m	98dB	103dB	108dB
Activation by power on	x		
Input protection	IP31		
Operating temperature	from -10 up to +50°C		
Weight	100g		25g
Dimensions	126 x 75 x 30mm	122 x 72 x 38mm	40 x 48 x 24mm
Colour	White RAL9010		Black



AX98



AX105



AX112

02

FIRE SIGNALLING



01



02

CPR EN54-3 CERTIFIED PRODUCTS:

- _ DOA FJ/CPD Series
- _ AVD FJ/CPD Series
- _ STAR F24 CPR Series
- _ MOON F24 CPR Series
- _ VENUS F24 CPR Series

03

CPR EN54-3/EN 54-23 CERTIFIED PRODUCTS:

- _ DOA K Series
- _ DOA P Series

04

F24 SELF-POWERED SIRENS:

- _ MOON Series
- _ VENUS Series

05

INDOOR SIRENS:

- _ ERIS Series

06

SIGNALLING PANELS:

- _ AVD Series
- _ DOA Series
- _ FAP Series

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REMOTE INDICATORS:

- _ DUNE Series
- _ KARI Series
- _ APOLLO Series

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FIRE
SIGNALLING

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CPR EN54-3
CERTIFIED PRODUCTS

CPR EN54-3 CERTIFIED PRODUCTS

THE BEAUTY OF BEING POSITIVE



Being positive is a good thing sometimes, having a positive attitude, a positive view of the world, a positive vision of their work. Our DOA and AVD panels and our STAR F24 CPD siren, are COMPLIANT to the CPR certification, EN54-3 and EN 54-23 regulations, strict guidelines regarding fire detection systems.

FEATURES	DOA FJ/CPD	AVD FJ/CPD	STAR F24/CPR	MOON F24/CPR	VENUS F24/CPR
Power supply	from 12,8 up to 28Vdc			from 16 up to 28Vdc	
Max absorption	0,11A		0,32A	0,34A	0,32A
P.ALL sound pressure @ 1m	85,3dB	85,4dB	98,4dB	99,3dB	96,2dB
ALL sound pressure @ 1m	86,1dB	82,9dB	102,2dB	103,8dB	100,6dB
Reverse polarity connection	x				
Message lighting with high brightness leds	x		--		
Label "ALLARME INCENDIO"	x		--		
Input protection	IP21C		IP33C		
Operating temperature	from -25 up to +70°C				
Weight	590g	450g	1700g	1950g	2050g
Dimensions	330 x 150 x 68mm	320 x 140 x 68mm	240 x 283 x 82mm	230 x 310 x 85mm	233 x 320 x 98mm
Colour	White		Red RAL3000		
Centralizing device	--		x		
Complies with CPR EN 54-3	2852-CPR-0110	2852-CPR-0109	2852-CPR-0228	2852-CPR-0229	2852-CPR-0230
Sound compliant with the UNI 11744	x				



DOA FJ/CPD



AVD FJ/CPD



STAR F24/CPR



MOON F24/CPR



VENUS F24/CPR

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FIRE
SIGNALLING

• CPR EN54-3/23
CERTIFIED PRODUCTS

CPR EN54-3/23 CERTIFIED PRODUCTS

THE BEAUTY OF BEING POSITIVE



Being positive is a good thing sometimes, having a positive attitude, a positive view of the world, a positive vision of their work. Our DOA and AVD panels are COMPLIANT to the CPR certification, EN54-3 and EN 54-23 regulations, strict guidelines regarding fire detection systems.

FEATURES	DOA P	DOA P/WP	DOA K	DOA K/WP		
Power supply	from 24 up to 28Vdc					
Max absorption	0,060A					
Sound pressure @ 1m	84,8dB		91,7dB			
Reverse polarity connection	x					
Optical coverage volume (W)	3 - 8,5m		3 - 8m			
Message lighting with high brightness led	x					
Acoustic inhibition command	x					
Label "FIRE ALARM"	x					
Input protection (certificate)	IP21C	IP54C	IP21C	IP54C		
Operating temperature	from -25 up to +70°C					
Weight	590g					
Dimensions	330 x 150 x 68mm					
Complies with CPR EN54-3/23	2852-CPR-0114	2852-CPR-0115	2852-CPR-0111	2852-CPR-0112		
Sounds complies with UNI 11744	x		--			

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DOA K - DOA P



DOA K/WP - DOA P/WP



FIRE
SIGNALLING



F24 SELF-POWERED
SIRENS

THE REASON OF A RECALL

The double meaning of the word, RECALL, defined in aesthetic terms as the recall of the bell, still used today as a warning signal, and RECALL understood as an act of paying due attention. An object created by AVOTEC is never thought without a reason.

F24 SERIES



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FEATURES	MOON F24	VENUS F24
Power supply	from 16 up to 28Vdc	
Stand-by absorption (without battery recharge)		0,016A
Max absorption	With two-wire connection 1A (battery) With three-wire connection 0.3A (power supply) - 0.65A (battery)	
Command types	S1 Positive to miss S2 Positive to miss	
Type of lighting	High brightness LED	
Sound type command S1	Sawtooth wave from 800 to 970Hz	
Sound type command S2	Fixed sound 970Hz	
Sound power S1 (pre-alarm)	101dB (A) a 1m	
Sound power S2 (alarm)	96dB (A) a 1m	
Sound compliance	UNI 11744	
Timing	Command follows	
Magnetodynamics	8Ω 25W	
Operating temperature	from -25°C up to +55°C	
Battery not included	Pb 12V 2,3Ah	
Level of protection	IP 34	
Weight	1950g	2050g
Dimensions	230 x 310 x 85mm	233 x 320 x 98mm
Colour	RAL3000	



MOON F24



VENUS F24



FIRE
SIGNALLING

INDOOR SIRENS
ERIS F

ERIS F SERIES

VISIBLY RED

The identical shape of the burglar alarm ERIS series, with a heart thought for the signaling of a fire alarm, the first siren with immediate receipt of the message. RED color, symbol of fire alarm and its curves, make it agreeable for any type of habitat, office or industry.



FEATURES	ERIS			
	F12	F24	FL12	FL24
Power supply	13.8Vdc	24Vdc	13.8Vdc	24Vdc
Max absorption		0.15A		0.17A
Sound pressure @ 1m		116dB		95dB
Activation by power on			x	
Activation programmable	--		x	
Flash programmable	--		x	
Type of sound programmable	--		x	
High brightness leds flash	--		x	
Input protection		IP31		
Operating temperature		from -10 up to +50°C		
Weight	110g		140g	
Dimensions		150 x 100 x 42mm		
Colour		Red RAL3000		

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ERIS F12 - ERIS F24



ERIS FL12 - ERIS FL24



THE FIRST FORM OF SUCCESS

Here it is, the AVD panel series, and it is immediately a relevant aesthetic presence in the European market. The SUCCESS of AVD panels can be seen by its numbers and users, as more and more households adopt these panels even in customized form. Even in this case aesthetic plays the primary role...



FEATURES	AVD						
	FJ	FJ/A	FJ/A/230	FJ/BF	FJ/BF/A		
Power supply	from 10,8 up to 28Vdc		230Vac	from 10,8 up to 28Vdc			
Stand-by absorption (without battery recharging)	0,008A						
Max absorption	0,095A		0,095A (12Vdc)		0,110A		
Sound pressure @ 1m	95dB						
Programmable activation	x						
Message lighting with high brightness leds	1		2				
Battery Ni-Cd 9,6V 700mA	--	x	--	--	x		
Input protection	IP41						
Operating temperature	from -15 up to +55°C						
Weight	450g	620g	1350g	650g	820g		
Dimensions	330 x 140 x 68mm		330 x 140 x 103mm	330 x 140 x 95mm			
Label "ALARM"	1		2				
Colour	White RAL9010						
STF/P1-Bracket for wall	--		Optional				
STF/S1-Bracket for ceiling	--		Optional				
INT VOL-Volume adjustment	Optional						



AVD FJ/A/230



AVD FJ - AVD FJ/A



AVD FJ/BF - AVD FJ/BF/A

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FIRE
SIGNALLING

DOA SIGNALLING
PANELS

DOA SERIES

THE EVOLUTION OF SPECIES



Second round comes up, and it's a new triumph.

DOA collects praise from engineers and architects, the idea is simple but ingenious: using a transparent cover to make the panel architecturally lighter. Of course it is then imitated in his innovative closing system and in its aesthetics, the SPECIES has evolved.

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FEATURES	DOA			
	FJ	FJ/A	FJ/WP	FJ/WP/A
Power supply	from 10,8 up to 28Vdc			
Stand-by absorption (without battery recharging)	0,008A			
Max absorption	0,095A		0,11A	
Sound pressure @ 1m	93dB		103dB	
Programmable activation	x			
Message lighting with high brightness leds	1			
Battery Ni-Cd 9,6V 700mA	--	x	--	x
Input protection	IP43		IP54	
Operating temperature	from -15 up to +55°C			
Weight	590g	760g	610g	780g
Dimensions	331 x 150 x 68mm			
Label "ALARM"	1			
Colour	White RAL9010			
INT VOL-Volume adjustment	Optional			
Centralizing device	Optional			



DOA FJ - DOA FJ/A - DOA FJ/WP - DOA FJ/WP/A



FIRE
SIGNALLING

•
FAP SIGNALLING
PANELS

FAP SERIES

THE FIRE ALARM CONTROL PANEL

The joy of Architects, a fire alarm embedded in the wall and invisible. The elegance of a frame that encloses the PANEL of fire alarm signaling, a customizable message panel in Lexan material, electronics that is always reliable.

The result: the state of art of any modern and advanced habitat.



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FEATURES	FAP FJ	FAP FJ/A
Power supply	from 10.8 up to 28Vdc	
Stand-by absorption (without battery recharging)	--	0.008A
Max absorption		0.095A
Sound pressure @ 1m		75dB
Programmable activation		x
"FIRE ALARM" Message printed on lexan		x
Message lighting with high brightness leds		2
Battery Ni-Cd 9.6V 700mA	--	x
Input protection		IP4x
Operating temperature		from -15 up to +55°C
Weight	1000g	1200g
Flush-mounted box size		391 x 158 x 73mm
Frame size		405 x 172 x 3mm
Colour		White RAL9010
Centralizing device		Optional



FAP FJ - FAP FJ/A



FIRE
SIGNALLING



REMOTE INDICATORS
CEILING DUNE

DUNE SERIES

NEW IDEA,
MESSAGE ASSURED



Realizing ideas is our specialty, the idea always comes from a need, from a problem in the field of action of each user. In DUNE Avotec combines the architectural line and usage needs, inserting a luminous MESSAGE highlighting the correct indication of the cause.

Others will get there, but later.

01



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FEATURES	DUNE		
	JR	JG	JW
Power supply	from 3 up to 24Vdc		
Max absorption (3Vdc)	0,022A		
Max absorption (3Vdc BA)	0,0015A		
Max absorption (24Vdc)	0,018A		
Activation by power on	x		
High brightness leds	x		
Light diffuser	x		
"FIRE" write illumination	x		
Cap colour	Red	Smoked	White
Operating temperature	from -15 up to +55°C		
Input protection	IP42		
Weight	40g		
Dimensions	75 x 44 x 29mm		



DUNE JR



DUNE JG



DUNE JW



KARI SERIES

FIRE
SIGNALLING

• REMOTE INDICATORS
CEILING/FLUSH WALKABLE
KARI

PERFECT SIGNALS IN EVERY SITUATION

Problem solved: with KARI we put all in agreement, floor and ceiling.

The SIGNAL is seen only when needed, with or without message always does its duty, wherever you put it, you can forget about it, even if you walk over it, it resists and you don't.

Hats off!



FEATURES	KARI											
	N	M	MR	HR	N BA	M BA	MR BA	HR BA				
Power supply	3 / 24Vdc				3Vdc							
Maxi absorption (24Vdc)	0,023A				--							
Maxi absorption (3Vdc)	0,018A				--							
Maxi absorption BA (3Vdc)	--				0,0017A							
Activation by power on	x											
High brightness leds	x											
Input protection	IP42											
Operating temperature	from -15 up to +55°C											
Weight	37g											
Dimensions	67 x 38 x 32mm											
Light diffuser lens	x											
Color label FIRE	--	Black	Red	--	--	Black	Red	--				
Illuminated 'CASETTA' logo	--		Red		--		Red					
Hole diameter	32mm											
Walkable	x											
Cable tie	x											



KARI M



KARI MR



KARI N



KARI HR

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FIRE
SIGNALLING

•
REMOTE INDICATORS
CEILING/FLUSH
APOLLO

APOLLO SERIES

REPORT WITH DISCRETION

The new RECESSED SIGNALER, for false ceiling and wall, dimensions small, discreet but visible when needed, another round of applause from the architects.





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FEATURES	APOLLO	APOLLO N
Power supply	from 5 up to 28Vdc	
Max absorption (24Vdc)		0.01A
Activation by power on		x
Operating temperature	from -15 up to +55°C	
Input protection		IP42
Weight		7g
Dimensions	30 x 30 x 23mm	
Housing	White	Transparent
Light diffuser lens		x
Hole diameter		25mm



APOLLO



APOLLO N

03

EVACUATION SIGNALLING



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- _ DEV Sirens series
- _ DEV Panels series

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EV-COM SYSTEM

STAND-ALONE OPTICAL/VOICE UNITS:



EVACUATION
SIGNALLING

CENTRALIZED
EV-COM SYSTEM

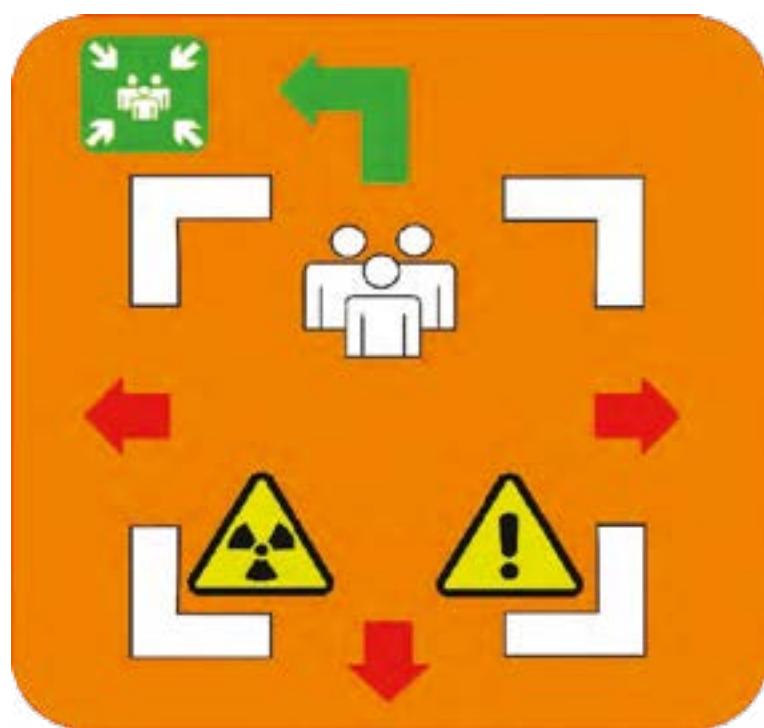
EV-COM SYSTEM

SAFE EVACUATION MANAGEMENT

Again AVOTEC proves to be a step ahead of everyone else, even to the Regulator.

The management of the evacuation of any environment be it public or private, is and must be recognizable to all, to warn of danger early, can mean the safety of those who have not yet noticed.

For over a decade AVOTEC has offered the possibility to manage a SAFE evacuation, controlled, independent, because danger is always unpredictable.



FEATURES	EV		
	TRD M	VIS/D M	VIS/D MB
EV COM system management unit	x		--
EV COM system display unit	--		x
EV COM system graphic display unit			--
Power supply		230Vac	13,8Vdc
Max absorption 13,8V			0,25A
RS 485 serial communication interfaces	2		1
RS232 serial communication interface			--
Management up to 60 devices	x		--
"ALERT" general command input N.A. contact	x		--
"EVACUATION" general command input N.A. contact	x		--
"RESET" general command input N.A. contact	x		--
"Buzzer silencing" button	--		x
"Event check" button	--		x
"Power on" led signaling			x
"Operation" led signaling	x		--
"presenza evento" led signalling	x		--
Displaying with device number and N.8 leds for signalling the type of event	--		x
Power supply and battery check	x		--
Programmable relay and O/C programmable outputs (20mA)	x		--
CAV CONF SER - configuration cable	Optional		--
Input protection			IP41
Operating temperature			from -10 up to +55°C
Weight	1570g	2000g	1570g
Dimensions			285 x 165 x 54mm
Colour			White RAL9010



EV TRD M



EV VIS/D M -EV VIS/D MB

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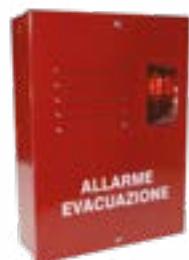
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EVACUATION SIGNALLING

CENTRALIZED EV-COM SYSTEM



EVM



EVM/P - EVM WP/P



EVP/A



EVP/A/BF



EVP/A/230



DOA/EVP/A



DOA EVP/A/WP/P

FEATURES	EVM	EVM/P	EVM/WP/P	EVP/A	EVP/A/230	EVP/A/BF	DOA/EVP/A	DOA/EVP/WP/P
Power supply		13.8Vdc		230Vac		13.8Vdc		
Stand-by absorption		30mA		30mA 13.8Vdc		30mA		
Maxi absorption	1.3A				1.1A		1.3A	
Sound pressure @ 1m	110dB	121dB			98dB		117dB	
RS485 serial communication interfaces	1	1	1	1	1	1	1	1
High brightness flash leds cards for message display	--			1	1	2	1	1
High brightness flash leds	x				--			
ALERT command input N.A. contact					x			
EVACUATION command input N.A. contact					x			
RESET command input N.A. contact					x			
Horn IP65 high power	--	x			--		x	
Programmable timing of alert condition					x			
Power supply, battery, horn, flash and RS485 communication real time check					x			
"Polling" led signaling					x			
Stand alone and/or RS485 functioning					x			
Battery capacity 12V 1.3 A/h not included	x				--			
Battery Ni-Cd 9.6V 700mA	--				x			
Colour	Red RAL3000				White RAL9010			
Input protection	IP31	IP43			IP40	IP43	IP54	
Operating temperature	from -25 up to +55°C				from -10 up to +55°C			from -25 up to +55°C
Weight	2800g	4000g		890g	1500g	1090g	1045g	2245g
Dimensions	194 x 260x 67mm	194 x 260 x 67mm + external horn		320 x 140 x 68mm	320 x 140 x 102mm	330 x 140 x 95mm	331 x 150 x 102mm	331 x 150 x 102mm + external horn
Metallic case	x				--			
ABS-Policarbonate case	--				x			
Label "ALLARME EVACUAZIONE"	--			1	2	1	1	
Serigraphy "ALLARME EVACUAZIONE"	x				--			53

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EVACUATION SIGNALLING

CENTRALIZED EV-COM SYSTEM

FEATURES	EV PR2	EV AR2	EV PAR2
ALERT and RESET Control unit	x	--	--
EVACUATION and RESET Control unit	--	x	--
EVACUATION, ALERT and RESET Control unit	--	--	x
Red button (Evacuation)	--	x	
Yellow button (Alert)	x	--	x
Key (Reset)		x	
Maxi current on contacts out		3A	
Input protection		IP44	
Operating temperature		from -10 up to +55°C	
Weight	1000g	1000g	1500g
Dimensions	117 x 180 x 90mm	117 x 180 x 90mm	235 x 180 x 90mm
Box colour		Red RAL3000	
LR-Key reset		x	
TB-Plexy cover		x	
LT-Key test		Optional	
PR-Sealing kit		Optional	



EV PAR2



EV PR2



EV AR2

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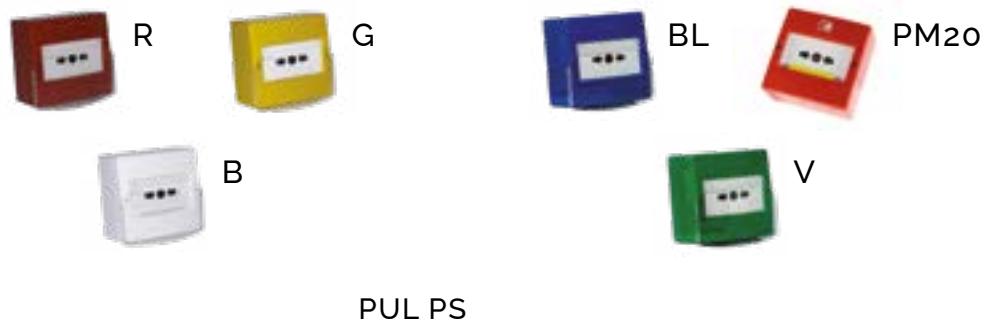
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FEATURES	PUL PM 20	PUL PS R	PUL PS G	PUL PS B	PUL PS BL	PUL PS V
Colour	Red	Yellow	White	Blue	Green	
Max current on contacts out			3A			
Input protection			IPXO			
Operating temperature			from -10 up to +55°C			
Weight			180g			
Dimensions			98 x 98 x 44mm			
LR-Key reset			x			
TB-Plexy cover			x			
LT-Key test			Optional			
PR-Sealing kit			Optional			
EN54-11 certification	x		--			
Connection type	N.C. Contact		Double terminal block		C-NC-NO Contact	



PUL PS



PR

LT

LR



EVACUATION
SIGNALLING

STAND ALONE
OPTICAL/VOICE
DEV SIRENS SERIES

DEV SIRENS SERIES

SERIE DEV:....THE IDEA OF ASSOCIATING SOUND TO VOICE MESSAGE

Ideas, ideas, ideas...AVOTEC does not never ceases to amaze.
The DEV series in siren version for industrial environments.
Messages and power are guaranteed!



MOON DEV - MOON DEV 230



VENUS DEV - VENUS DEV 230

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FEATURES	MOON		VENUS			
	DEV	DEV 230	DEV	DEV 230		
Power supply	from 12 up to 24Vdc	230Vac	12-24Vdc	230Vac		
Stand-by absorption		0,02A				
Maxi absorption		1,6A				
Acoustic transducer (4Ω speaker)		x				
Sound pressure @ 1m	92dB vocal - 95dB acoustic					
PALL input (pre-alarm)	N.C. Contast					
EVAC input (evacuation)	N.C. Contast					
RST input (reset)	N.A. Contast					
N° vocal messages	3					
Maxi recording time for message	42"					
Message recording mode	MIC VO 02 and PLUG USB					
Possibility message check	YES (with AVD/MAG)					
Input type selection	x					
Input balance selection	x					
Association of sounds to voice messages selection	x					
Functional test on power supply-battery-speaker and flashing light	x					
O/C fail output (20mA)	x					
Battery not included	12V 2,3Ah					
Housing ABS + polycarbonate	x					
Colour	White RAL9010					
Input protection	IP43					
Operating temperature	from -15 up to +55°C					
Weight	2480g					
Dimensions	230 x 310 x 85mm		233 x 320 x 98mm			
MIC VO 02-Plug for recording messages	Optional					
AVD/MAG-magnet for checking messages	Optional					



EVACUATION
SIGNALLING

STAND ALONE
OPTICAL/VOICE
DEV PANELS SERIES

DEV PANELS SERIES

SERIE DEV:....THE IDEA OF ASSOCIATING SOUND TO VOICE MESSAGE

Once again AVOTEC proves to be one step ahead of all! The DEV series is available in the optical acoustic PANELS version for environments level where technology must be supported by design. Messages and power are guaranteed!

AVD DEV/A/230



DOA DEV/WP/P - DOA/DEV/A/WP/P



DOA DEV - DOA/DEV/A

FEATURES	DOA				AVD
	DEV	DEV/A	DEV/WP/P	DEV/A/WP/P	DEV/A/230
Power supply	from 12 up to 24Vdc				230Vac
Stand-by absorption	0,020A				
Max absorption	1,6A				
Acoustic transducer (4Ω speaker)	x		--		x
Acoustic transducer (TR/TK510 horn)	--		x		--
Sound pressure @ 1m	89dB vocal 95db acoustic		110dB vocal 120db acoustic		89dB vocal 95db acoustic
PALL input (pre-alarm)	N.C. Contact				
EVAC input (evacuation)	N.C. Contact				
REST input (reset)	N.A. Contact				
N° vocal messages	3				
Max recording time per message	42"				
Message recording mode	MIC VO 02 and PLUG USB				
Possibility message check	YES (with AVD/MAG)				
Input type selection	x				
Input balance selection	x				
Association of sounds to voice messages selection	x				
Functional test on power supply-battery-speaker and flashing light	x				
O/C fail output (20mA)	x				
Battery Ni-Cd 9,6V 700mA	--	x	--		x
Housing ABS + polycarbonate	x				
Colour	White RAL9010				
Input protection	IP43		IP54		IP40
Operating temperature	from -15 up to +55°C				
Weight	1100g	1300g	1100g	1300g	1700g
Dimensions	331x 150 x 68mm				320 x 140 x 103mm
MIC VO 02-Plug for recording messages	x				
AVD/MAG-magnet for checking messages	Optional				
AVD/MAG - magnete per test	Optional				

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PROTECTION SECURITY
EXIT DOORS

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STAND ALONE SIREN UNITS:

- _ MOON Series
- _ VENUS Series

STAND ALONE PANEL UNITS:

- _ AVD Series
- _ DOA Series



PROTECTION SECURITY
EXIT DOOR

STAND ALONE
SIREN UNITS

US SIRENS SERIES

A DEVICE FOR THE EFFECTIVE CONTROL

AVOTEC ideas at the service of control and safety.
Control unit for US doors, there is a lot of added value.
Beautiful, sturdy and strong and above all effective,
at the same time fast and easy to install.

VENUS US - VENUS US 230



MOON US - MOON US 230



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FEATURES	MOON		VENUS	
	US	US 230	US	US 230
Power supply	13.8Vdc	230Vac	13.8Vdc	230Vac
Power supply 230Vac/13.8Vdc included	--	x	--	x
Stand-by absorption (battery recharge escluded)			0.04A	
Max absorption			1.5A	
Sound pressure @ 1m			111dB	
Input door			N.C. Contact	
Input AUX tamper			N.A. Contact	
Remote disable/reset				
Out power supply AUX			12V / 0.5A	
System status programmable output				
Failure output			O/C - 0.050A Max	
Alarm output				
Input resistive balancing			Programmable	
Door alarm delay			Programmable	
Auto reset door alarm			Programmaile	
Acoustic alarm door indication			Programmable	
Type input			Programmable	
Alarm memory			Programmable	
Sound in tamper condiction			Fixed	
Door alarm soud			Programmable	
Flash			High brightness Orange led	
Acoustic transducer			Magnetodynamics 4Ω 25W	
Battery included			12V 2.3 A/h	
Opening and removal tamper			Electromechanical	
Operating temperature			from -25 up to +55°C	
Weight	1870g	2050g	1970g	2150g
Dimensions	230 x 310 x 85mm		233 x 320 x 98mm	
Input protection			IP34	
Colour			White RAL9010	
Serigraphy			ATTENTION!!! DOOR ALARM	
Centralizing device			x	
CH PS V	Mechanical key for On/Off activation - Optional			



A DEVICE FOR THE EFFECTIVE CONTROL

AVOTEC ideas at the service of control and safety. Control unit for US doors, there is a lot of added value. Beautiful, sturdy and strong and above all effective, at the time same fast and easy to install.

DOA USA - DOA USA P - DOA USA WP - DOA USA P WP



AVD USA - AVD USA P



AVD USA 230 - AVD USA P 230



FEATURES	AVD		DOA	
	USA	USA 230	USA	USA WP
Power supply	13,8Vdc	230Vac		13,8Vdc
Power supply 230Vac/13.8Vdc included	--	x		--
Stand-by absorption (battery recharge escluded)			0.04A	
Max absorption			0.320A	
Sound pressure @ 1m			85dB (A)	
Input door			N.C. Contact	
Input AUX tamper				
Remote disable/reset			N.A. Contact	
Out power supply AUX			12V / 0.5A	
System status programmable output				
Failure output			O/C - 0.050A Max	
Alarm output				
Input resistive balancing			Programmable	
Door alarm delay			Programmable	
Auto reset door alarm			Programmable	
Acoustic alarm door indication			Programmable	
Type input			Programmable	
Alarm memory			Programmable	
Sound in tamper condiction			Programmable	
Door alarm soud			Fixed	
Flash			High brightness WHITE leds	
Acoustic transducer			Piezo	
Battery Battery Ni-Cd 9,6V 700mA			x	
Opening tamper			Electromechanical	
Centralizing device	--		x	
Key on board disable/reset	x	x	x	x
Operating temperature			from -15 up to +55°C	
Weight	750g	1200g	830g	850g
Dimensions	320 x 140 x 68mm	320 x 140 x 103mm	331 x 150 x 68mm	
Input protection	IP31		IP43	IP54
Colour			White RAL9010	
Label			"SECURITY DOOR WITH ALARM"	
CH PS V			Optional (See page 110)	

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POWER SUPPLY DEVICES



SAFETY AND TVCC POWER SUPPLIES:

- _ ALTC Series
- _ RS25-15
- _ AL12AA

EN 54-4 + EN 12101-10 CERTIFIED POWER SUPPLIES:

- _ ZSP100 Series
- _ ZSP135 Series

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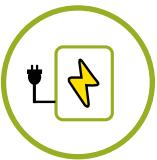
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POWER SUPPLY
DEVICES

SAFETY AND TVCC
POWER SUPPLIES
ALTC + RS25-15 SERIES

ALTC + RS25-15 SERIES

WE HAVE WHAT YOU NEED TO COMPLETE YOUR TVCC SYSTEM

Here's the icing on the cake!

To complete a simple or complex CCTV system, it requires small accessories, with solutions that solve many small problems: CCTV cabinets compliant with GDPR 679/2016, outdoor poles. AVOTEC provides solutions, not just the icing on the cake...

ALTC SERIES



RS25-15



01

FEATURES	ALTC 1215	ALTC 1220
Input voltage		230Vac
Nominal output voltage		12Vdc
Max output current	1.5A	2A
Input 230Vac	Stripped and soldered conductors	
Output 12Vdc	Female mini jack	
Operating temperature	from -30 up to +45°C	
Degree of protection	IP67	
Weight	83g	90g
Dimensions	48 x 50 x 25mm	61 x 59 x 30mm

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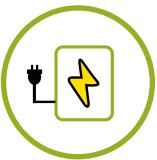
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FEATURES	RS25-15
Input voltage	230Vac
Frequency	50Hz (from 47 up to 63Hz)
Input current	0.4A @230Vac
Nominal output voltage	15Vdc (from 13.5 up to 16.5Vdc)
Max output current	1.7A
Output voltage presence signal	GREEN led
Nominal power	25W
Efficiency	73.5%
Operating temperature	from -20 up to +85°C
Weight	200g
Dimensions	78 x 51 x 28mm



WE HAVE EVERYTHING YOU NEED TO COMPLETE YOUR TVCC SYSTEM

Here's the icing on the cake!

To complete a simple or complex CCTV system, it requires small accessories, with solutions that solve many small problems: CCTV cabinets compliant with GDPR 679/2016, outdoor poles. AVOTEC provides solutions, not just the icing on the cake...

AL12AA



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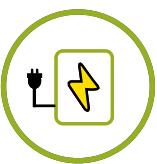
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FEATURES	AL12AA
Input power supply	230Vac
Frequency	50Hz
Nominal output voltage	12,6Vdc
Load voltage	2A
Nominal current	2A
Peak current	2,4A
Output efficiency	87%
Output connector	dc2.1
Battery type	Lithium ions
Battery voltage	3,7V
Battery capacity	1200mA/h
Number of batteries	3
Input power connection	2m cable with plug
Output power connection	30 cm cable with jack
Kit of 8 adapters	x
Operating temperature	from -15 up to +50°C
Humidity	90% @ 40°C non-condensing
Protection rating	IP43
Weight	320g
Dimensions	86 x 114 x 30 (B x P x H)



POWER AT ITS MAXIMUM EXPRESSION

With Avotec power supplies, the system achieves maximum efficiency, being the heart of the system.

The power supplies comply with current standards for Irai (EN 54/4) certified systems, EN 12101-10 smoke evacuators, and even for CCTV accessories, maintaining efficiency and stability over time.

This means having a heart that's always ready to accelerate during long and demanding runs...

FEATURES	ZSP100						
	1.5A 07	2.5A 18	5.5A 18	10A 40	12A 75		
Power supply voltage	230Vac +10% -15%						
Output voltage	27.1Vd						
Adjustable output voltage	21.0>28.8Vdc						
Standby consumption	17mA			25mA			
Max battery circuit resistance	1.5A	2.5A	5.5A	10A	12A		
Mains protection	~1.7W						
Output protection	89%						
Battery protection	250mΩ			100mΩ			
No. of batteries monitored	Slow-blow fuse						
Battery type	No. 02 fast-acting fuse			No. 05 fast-acting fuse			
Protection rating	Fast-acting fuse						
Operating temperature	2						
Dimensions	from 7 up to 9Ah	from 7 up to 20Ah	from 17 up to 45Ah	from 17 up to 75Ah			
Weight without batteries	IP42						
Certifications	from -5 up to +55°						
Dimensions	340 x 250 x 80mm	395 x 356 x 96mm	455 x 356 x 187mm	555 x 406 x 187mm			
Weight without batteries	3.1Kg	4.9Kg	7.6Kg	11.4Kg			
Certifications	UNI EN 54-4 EN 12101-10						
ZSP100-OUT6	Optional			--			
ZSP101-OUT6	--			Optional			

ZSP100 SERIES**01****ZSP135 SERIES****03****04****05**

FEATURES	ZSP135-DR-3A-1	ZSP135-DR-5A-2	ZSP135-DR-7A-3		
Power supply voltage	230Vac +10% -15%				
Output voltage	27.1Vdc				
Adjustable output voltage	20.828Vdc				
Standby power consumption	35mA				
Max battery circuit resistance	250mΩ				
Mains protection	Delayed fuse				
Output protection	Fast fuse	Fast fuse for each output			
Battery protection	Fast fuse				
Number of batteries controlled	2				
Max battery capacity	18Ah	28Ah	40Ah		
Protection rating	IP44				
Max operating temperature	from -5 up to +55°C				
Operating temperature (x 2 hours)	+75°C				
Dimensions	395 x 356 x 96mm	395 x 356 x 144 mm	455 x 356 x 186 mm		
Weight without batteries	6.4 Kg	8.3 Kg	11.0 Kg		
Certifications	UNI EN 54-4/A2 and EN 12101-10				
Marks	VdS				

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ELECTROMAGNETS

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ELECTROMAGNETIC HOLDERS:

- _ S2 Series
- _ S3 Series
- _ S5 Series
- _ Accessories

SAFETY ELECTROMAGNETS:

- _ EDT Series
- _ Accessories





ELECTROMAGNETS

• ELECTROMAGNETIC HOLDERS
S2 SERIES + S3 SERIES

S2 SERIES

S2 SERIES



S3 SERIES



FEATURES	S2.0050_01W	S2.0050_01B	S2.0110_01W
Colour	White	Black	White
Power supply voltage	24Vdc		
Max current consumption	60mA		100mA
Force	500N (50Kg)		1000N (100Kg)
Release button	Yes		
Protection circuit	Yes		
Protection rating	IP42		
Weight (without counterplate)	360g		650g
Dimensions	72 x 105 x 40mm		72 x 105 x 52mm
Certification	UNI EN 1155:2003		
Brackets	See page 79		

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FEATURES	S3.0060_01	S3.0110_01
Colour	Black	
Power supply voltage	24Vdc	
Max current consumption	60mA	100mA
Force	500N (50Kg)	1000N (1000Kg)
Release button	Yes	
Protection circuit	Yes	
Protection rating	IP20 (IP 41 wall-mounted with a downward-facing button)	
Weight (without counterplate)	570g	840g
Dimensions	105 x 105 x 150-165mm "O" type 105 x 105 x 185mm "V" type	
Certification	UNI EN 1155:2003	
Extension tube L=100mm Code 30050 061	Optional (see page 79)	



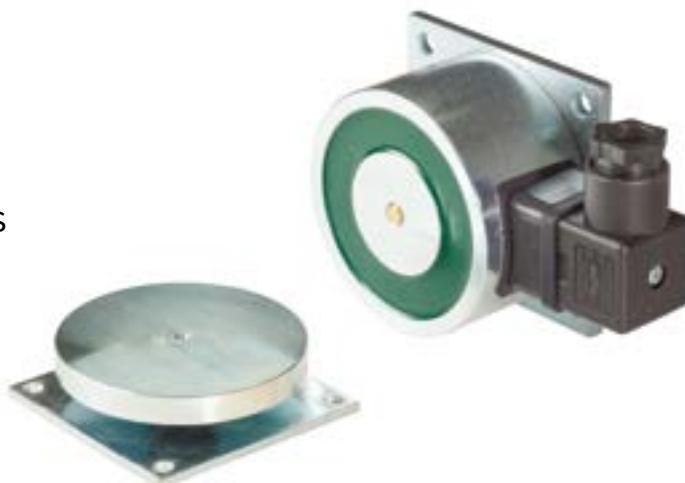
WE REALLY "DO CARE" ABOUT YOUR SAFETY

When safety is needed, AVOTEC is there!

S5 series electromagnetic door and gate solutions with IP65 protection for emergency closing.

But we don't stop there! The range includes a complete range of accessories (extensions and brackets) to meet any installation need.

S5 SERIES



FEATURES	S5.0160_02
Body colour	Steel
Power supply voltage	24Vdc
Max current consumption	100mA
Force	150Kg
Protection circuit	Yes
Degree of protection	IP65
Weight	1700g (including counterplate)
Max dimensions	75 x 115 x 43mm
Magnet diameter	70mm
Certification	UNI EN 1155:2003

ACCESSORIES FOR ELECTROMAGNETIC HOLDERS S-SERIES

01

WALL MOUNTING BRACKETS

So.3130_Nooo



02

So.3150_Nooo



03

04

FLOOR MOUNTING BRACKETS

So.3000_ooo



05

COUNTERPLATE

So.1060B - So.110B



06

07

EXTENSION TUBE

S3.300 - 50.061



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WE REALLY "DO CARE" ABOUT YOUR SAFETY

When security is needed, AVOTEC is there!

Solutions for blocking US doors from opening with EDT series electromagnets.

But we don't stop there! The range includes a complete range of accessories (extensions and brackets) to meet any installation need.

EDT SERIES



FEATURES	EDT 150Noo1	EDT 300Noo1	EDT 500Noo1
Supply voltage	12/24Vdc		
Max current consumption 12Vdc	400mA	500mA	
Max current consumption 24Vdc	200mA	250mA	
Holding force	1470N (150Kg)	2940N (300Kg)	4900N (500Kg)
Status sensor	No		Yes
EDT size	185 x 42 x 22mm	250 x 49 x 28mm	265 x 73 x 41mm
Counterplate size	130 x 32 x 10mm	180 x 49 x 13mm	185 x 60 x 13mm
Brackets for electromagnet and counter plate	Optional (see page 81)		

BRACKETS AND ACCESSORIES EDT

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STL1N - STL3N - STL5N



STZL1N - STZL3N - STZL5N



STC3 - STC5





07

**TVCC
ACCESSORIES**

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METAL BOXES:

- _ BOX TVCC WH05
- _ MSP 17-10

POLES:

- _ PALTC 350
- _ PALTC 450





METAL BOXES

WE HAVE WHAT YOU NEED TO COMPLETE YOUR TVCC SYSTEM

Here's the icing on the cake!

To complete a simple or complex CCTV system, it requires small accessories, with solutions that solve many small problems: CCTV cabinets compliant with GDPR 679/2016, outdoor poles. AVOTEC provides solutions, not just the icing on the cake...

BOX TVCC WH05



MSP 17-10



FEATURES	BOX TVCC WH05
Structure	Folded-welded steel sheet
Material	12/10 mm steel
Door	With 90° bottom-hung opening
DVR lock	Adjustable mechanical brackets
Locks	Double lock with double key
Max monitor size	21"
Available space for monitor	L496 H530
Cabinet size	580 x 550 x 150mm
Colour	White
Weight	15Kg
FS VESA KIT	Optional
WD5 KIT	Optional
CP3U 4P	Optional

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FEATURES	MSP 17-10
Structure	8/10 mm sheet metal
Door	With screw closure
Door opening tamper	250Vac - 5A switch
Max battery capacity	12V 17Ah
Protection ratings	IP20
Cabinet dimensions	325 x 300 x 86+8 (*) mm
Weight	2,1Kg
Colour	RAL7035
Magnet diameter	70mm
Certification	UNI EN 1155:2003

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(*) distance from the wall



TVCC ACCESSORIES



PALTC POLES

POLES

WE HAVE WHAT YOU NEED TO COMPLETE YOUR TVCC SYSTEM

AVOTEC CCTV accessories complete your system and make it aesthetically and ergonomically better.

PALTC



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FEATURES	PALTC 350	PALTC 450
Structure	No. 01 Base pole 1000 x 114 mm No. 01 Extension pole 1250 x 76 mm No. 01 Installation pole 1250 x 76 mm	No. 01 Base pole 1500 x 114mm No. 01 Extension pole 1500 x 76mm No. 01 Installation pole 1500 x 76mm
Material	<ul style="list-style-type: none"> - Base post in 20/10 mm galvanised sheet metal - Extension post in 15/10 mm galvanised sheet metal - Installation post in 15/10 mm galvanised sheet metal 	
Bullet camera bracket material	20/10 mm galvanised sheet metal	
Dome camera bracket material	20/10 mm galvanised sheet metal	
Bullet camera bracket		x
Dome camera bracket		x
Accessory kit		x
Lightning Rod		30 x 8mm (L x d)
Colour		White
TOTAL height of assembled pole	3.5m + 0.30 (Lightning Rod)	4.5m + 0.30 (Lightning Rod)
Weight	18.9Kg	23Kg

08

SPECIAL PRODUCTS

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MINI CONTROL PANEL

WITH TWO ZONES/SIRENS:

- _ MOON Series
- _ VENUS Series

SMOKE GENERATORS:

- _ FOBOS Series
- _ FOBOS BOX Series

OPTICAL PANELS FOR SMOKING ROOMS:

- _ SMOKE Series

LIGHT INDICATORS

SINGLE COLOUR:

- _ DUNE Series
- _ KARI Series
- _ SUN Series

BI-COLOUR:

- _ DUNE RV Series
- _ KARI RV Series
- _ APOLLO RV Series
- _ SUN RV Series





IN THIS SPACE THERE IS A PLACE FOR EVERYTHING

VENUS C - VENUS C/AS



MOON C - MOON C/AS

As always, the ideas of AVOTEC arrive first on the market. Siren and central in one solution, for those who put so much value in a small SPACE. Beautiful, robust and strong and at the same time quick and easy to install.

FEATURES	MOON		VENUS		KIT MOON		KIT VENUS		
	C	C/AS	C	C/AS	C	C/AS	C	C/AS	
Power supply	230Vac (230Vac/13.8Vdc power supply included)						01		
Fuse protection on 230Vac	x						02		
Stand-by absorption (without recharging battery)	0,02A						03		
Max absorption	1A						04		
Sound pressure @ 1m	118dB						05		
Input zones	N° 2 (N.C. Contact)						06		
Programmable zones	x						07		
Programmable resistive balancing of inputs	x						08		
Programmable input timing	x						09		
Programmable output timing	x						10		
High brightness flash leds	x						11		
Programmable status system signaling	x								
Programmable alarm memory	x								
Programmable type of flashing alarm conditions	x								
Radio receiver	--			x					
Frequency	--			433MHz					
Remote control included (already configurated)	--			N° 02					
Horn-Flash-battery low-O/C output failure signaling	x								
Alarm and System status-O/C output signaling	x								
Battery capacity 12V 2,2 A/h not included	x								
Electromechanical opening and removal tamper	x								
Electromechanical detection foam tamper	--	x	--	x	--	x	--	x	
Quick-connect internal connections	x								
Light diffuse	x	--	--	--	x	--	--		
Timing alarm cycles	x								
Operating temperature	from -25 up to +55°C								
Colour	White RAL9010								
Weight	2050g		2150g		2100g		2200g		
Dimensions	230 x 310 x 85mm		233 x 320 x 98mm		230 x 310 x 85mm		233 x 320 x 98mm		
Input protection	IP34								
Centralizing device	x								



SPECIAL
PRODUCTS

SMOKE GENERATORS
FOBOS SERIES

SMALL DEVICES TO
PROTECT YOUR
GOODS IN YOUR SPACE

FOBOS SERIES



FOBOS W

FOBOS series, the "ALL-IN-ONE" smoke device. Control panel, detector, siren, and, of course, smoke generator to counter "quick" break-ins. With AVOTEC, you'll always find a solution.

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FEATURES	FOBOS W	FOBOS B
Power supply	from 11.5 up to 14.5Vdc	
Power consumption	Max 100mA	
Programming mode	Wi-Fi network device (generated by the FOBOS device)	
Smoke activation time	Adjustable from 0 to 99"	
Cartridge exhausted/error output	Programmable NC/NA dry contacts	
Tamper output	NC clean contacts	
Wi-Fi active indicator	BLUE Led	
Motion detected indicator	YELLOW Led	
Activation trigger indicator	RED Led	
Continuous cartridge monitoring	Every 20'	
Piezo siren sound power	95dB @ 1m	
Average smoke delivery duration	40"	
Saturable volume	Up to 100m ³	
Recommended mounting height	from 2 up to 2.30m	
Operating temperature	from 0 up to +50°C	
Cartridge storage temperature	from 0 up to +50°C	
Protection rating	IP30	
Dimensions	120 x 92 x 168 (B x H x P)	
Weight	800g (with smoke capsule)	
Colour	White	Black



SPECIAL
PRODUCTS

SMOKE GENERATORS
FOBOS SERIES

FOBOS BOX SERIES

SMALL DEVICES TO PROTECT YOUR GOODS IN YOUR SPACE



FOBOS series, the "ALL-IN-ONE" smoke device. Control panel, detector, siren, RTX remote control, CMW contact, and of course a smoke generator to counter "quick" break-ins. With AVOTEC, you'll always find a solution..

FEATURES	FOBOS BOX
Power supply	from 11.5 up to 14.5Vdc
Power consumption	Max 100mA
Programming mode	Via Wi-Fi network (generated by the FOBOS device)
Pre-alarm time	Adjustable from 0 to 99"
Wired contact input	NC clean contacts
STATUS output (OUT1)	Programmable NC/NA dry contacts
ALARM output (OUT2)	Programmable NC/NA dry contacts
TILTING command output (OUT3)	Programmable NC/NA dry contacts
Tamper output	NC clean contacts
Open magnetic contact indication	BLUE Led
Detected movement indication	YELLOW Led
Active countdown indication	RED Led
Piezo siren sound power	95dB @ 1m
Average smoke release duration	40"
Saturable volume	Up to 100m ³
Recommended mounting height	from 2 a 2.30m
Operating temperature	from 0 a +50°C
Cartridge storage temperature	from 0 a +50°C
Protection rating	IP30
Dimensions	120 x 92 x 168mm (B x H x P)
Weight	800g (with smoke capsule)
FOBOS body colour	White or Black

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SMALL DEVICES TO PROTECT YOUR GOODS IN YOUR SPACE



FEATURES	TECHNICAL DATA
Power supply	CR2032 batteries
Estimated battery life	Approximately 2 years with 2 activations per day
Transmission channels	4
Transmitted command signal	RED light
Correctly received command signal	GREEN light
Transmission frequency	868MHz
Operating temperature	from 0 up to +50°C
Dimensions	62 x 37 x 15mm (B x H x P)
Weight	20g
Colour	Black

SPECIAL PRODUCTS

ACCESSORIES FOBOS CMW

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CMW



FEATURES	TECHNICAL DATA
Power supply	Nº 02 1.5V AAA batteries
Estimated autonomy	About 2 years
Sensor type	Magnetic
Battery status monitoring	YES
Contact opening monitoring	YES
Transmission frequency	868MHz
Contact opening indication	Led
Operating temperature	from 0 up to +50°C
Degree of protection	IP30
Base body dimensions	72 x 30 x 20mm (B x H x P)
Magnet dimensions	45 x 14 x 16mm (B x H x P)
Weight	30g
Colour	White



SPECIAL
PRODUCTS

OPTICAL PANELS FOR
SMOKING ROOMS

SMOKE SERIES

IT IS BETTER WHEN IT'S FORBIDDEN

Each device is made according to the specific use, in this case the need gives space to creativity!



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FEATURES	NS	NS/A/230	YS	YS/A/230
Power supply	from 10 up to 28Vdc	230Vac	from 10 up to 28Vdc	230Vac
Max absorption (13,8Vdc)	0,11A	0,1A	0,11A	0,1A
Activation	By power on	By command	By power on	By command
Command positive to lose	--	x	--	x
Battery Ni-Cd 9,6V 700mAh	--	x	--	x
Lighting with high brightness RED leds	x		--	
Lighting with high brightness GREEN leds	--		x	
Input protection		IP42		
Operating temperature		from -15 up to +55°C		
Colour		White RAL9010		
Weight	450g	1350g	450g	1350g
Dimensions	320 x 140 x 68mm	320 x 140 x 103mm	320 x 140 x 68mm	320 x 140 x 103mm
RED label complies with DM 23	x		--	
GREEN label complies with DM 23	--		x	



AVD YS



AVD NS



SPECIAL
PRODUCTS

SINGLE COLOUR
LIGHT INDICATORS

SINGLE-COLOUR LIGHT SIGNALS

WE GIVE COLOR TO LUMINOSCENT COMMUNICATION

Optical signaling for a WORLD'S COLOR!

Small, lightweight devices with great impact for any visual communication needs.

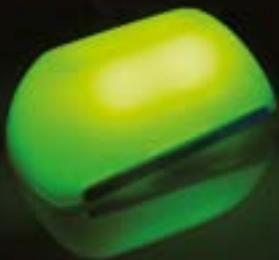
DUNE SW



DUNE SG



DUNE SV



DUNE SB



DUNE SR



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KARI N

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SUN C



SUN P

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FEATURES	DUNE			KARI		SUN				
	SW	SG	SV	N	C	P				
Power supply	from 12 up to 24Vdc			3 / 24Vdc	12Vdc					
Consumption @ 24Vdc	0.024A			0.023A	--					
Consumption @ 12	0.018A			--	0,020A					
Consumption @ 3	--			0,018A	--					
Fixed light activation				x						
Fixed light activation	--				x					
LED colour	White	Ochre	Green	Red						
Walkable	--			x	--					
Operating temperature	from -15 up to +55°C									
Protection rating	IP42			IP54						
Cover colour	White			Transparent						
Weight	40g			37g	41g					
Dimensions	75x44x29mm			67x38x32mm	57.5x76.5x25mm					



SPECIAL
PRODUCTS

• BI-COLOUR
LIGHT INDICATORS

Bi-COLOUR LIGHT SIGNALS

DUNE RV SERIES

The CEILING/OUTDOOR SIGNALER with Bi-colour signaling, for ceiling and outdoor installation, small size, great design visible when needed.



KARI RV SERIES

The RECESSED SIGNALER with Bi-colour signaling, for false ceilings and floor - walkable (heel resistant 12!), small size, discreet and visible when needed.



APOLLO RV SERIES

The new RECESSED MINI SIGNALER with Bi-colour signaling, for false ceiling and wall, very small dimensions, discreet but visible when needed, another applause from the architects.



SUN RV SERIES

The new indicator with Bi-colour signaling, for suspended ceilings and walls, very compact, discreet yet visible when needed, another round of applause from design people.

01**02****03****04****05****06****07****08****09****10****11**

FEATURES	DUNE RV	KARI RV	APOLLO RV	SUN RV
Power supply	from 12 up to 24Vdc		from 5 up to 28Vdc	from 12 up to 30Vdc
Red light absorption	0,060A	0,044A		0,040A
Green light absorption	0,040A	0,058A	0,012A	0,030A
High brightness leds	Bi-colour			
Operation	Steady light		Programmable	
Red/green flashing	--		x	
Flashing control input			0Vdc (GND)	
Cap colour	Matte white	Trasparent		
Walkable	--	x	--	
Operating temperature	from -15 up to +55°C			
Protection rating	IP42			IP54
Weight	40g	37g	35g	41g
Dimensions	75 x 44 x 29mm	67 x 38 x 30mm	30 x 30 x 23mm	57.5 x 76.5 x 25mm

09

SIGNAGE

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METAL:

_ CTS Series

PLEXI:

_ CPS Series





WE INDICATE AND SIGNAL EMERGENCY SITUATIONS UNEQUIVOCALLY

New series of plexiglass signs for fire indications.

Shape that adapts to your request, keeping the light line and the indication according your need.



CTS01



CTS02



CTS OEM03

FEATURES	CTS SERIES METAL SIGNS		
	01	02	OEM03
Material	White prepainted aluminum		
Graphic tipology	page 78		
Fixing holes	x		
Dimensions	160 x 160mm		
Thickness	0.5mm		
Weight	33g		
Compliant EN 7010	x		



CPS01



CPS02



CPS03



CPS09

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CPS04



CPS06



CPS07



CPS13

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	CPS SERIES PLEXI SIGNS WITH HOLE			
FEATURES	04	06	07	13
Material	PMMA			
Graphic tipology	page 107			
Fixing holes	4	2		
Dimensions	340 x 130mm	345 x 134mm	393 x 161mm	
Thickness	4mm			
Siren hole	105mm	118mm	124mm	quarry
Weight	160g	150g	200g	
Fixing KIT	X			

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ACCESSORIES

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WHAT MAKES THE DIFFERENCE!

AVOTEC offers a variety of accessories and complements to complete your security system to perfection!

CODICE	IMMAGINE	DESCRIZIONE	IMPIEGO
CH PS V		Manual selector of exclusion/reset with mechanical key (supplied in 2 copies) for door alarm device, self-protected against opening key contact, terminal block of connection, GREEN color Dimensions 98 x 98 x48mm	For USJ and US series units
STF/P2		Bracket for fixing AVD BF double-sided series panels to the wall or 503 box, complete with fixing kit	For AVD FJ / BF series
STF/S1		Bracket for AVD double face series for ceiling mounting, including plugs, screws and cable glands	For AVD FJ / BF series
AVD MAG		Magnet for functional test	For DEV series
BL/STAR		Regulating for centralizing sirens and optical acoustic devices	For MOON, VENUS series sirens and DOA panels
BATT 9,6V		Ni-Cd battery pack, 9.6V, with mini-molex connector	For self-powered panels FJ, USJ, DEV, EVP, SMOKE series
BATT 7,5V		Manganese dioxide battery pack, 7,5Vdc, with molex connector	For WL sirens series

01

CODICE	IMMAGINE	DESCRIZIONE	IMPIEGO
SE/3IR1S		Conversion kit from 3 OC outputs to 3 relay outputs, 12Vdc. Complete with output wiring and mounting bracket. Max consumption 60mA. Contact rating 1A 230Vac – 30Vdc	Universal
SE/IR1S		Relay interface card with 1 changeover, 12Vdc, max. consumption 20mA. Contact rating 1A 230Vac – 30Vdc	Universal
SE/IR1S-A		Relay interface card with 1 changeover contact, 12Vdc, max. consumption 20mA amplified. Contact rating 1A 230Vac – 30Vdc	Universal
SE/INTVOL		Interface module for sound volume adjustment for piezo panel and siren	For FJ, US panels series
MIC VO 01		Message recording module for "V" voice devices series	For "V" sirens series
MIC VO 02		Message recording module for "DEV" voice devices series	For "DEV" sirens and panels series
GPA01		PROTECTIVE GRILLE devices DOA and AVD series fire alarm signalling. Dimensions 356 x 176 x 118mm, 2.8mm steel wire diameter	Mechanical protection panels
GPP01		PROTECTIVE GRILLE manual fire pushbuttons PUL PS series and smoke detectors. Dimensions 130 x 130 x 70mm, 2.8mm steel wire diameter	Mechanical protection buttons and sense of smoke
GPB01		PROTECTIVE GRILLE for linear barriers. Dimensions: 300 x 250 x 160 mm, 3.8 mm diameter steel wire	Mechanical protection for smoke barriers
KIT CWCPS		Mounting accessory for CPS series plexiglass panels, suitable for both single - and double - sided installation. Dimensions: 60 x 25 x 20 mm. Supplied with mounting kit	CPS series fixing

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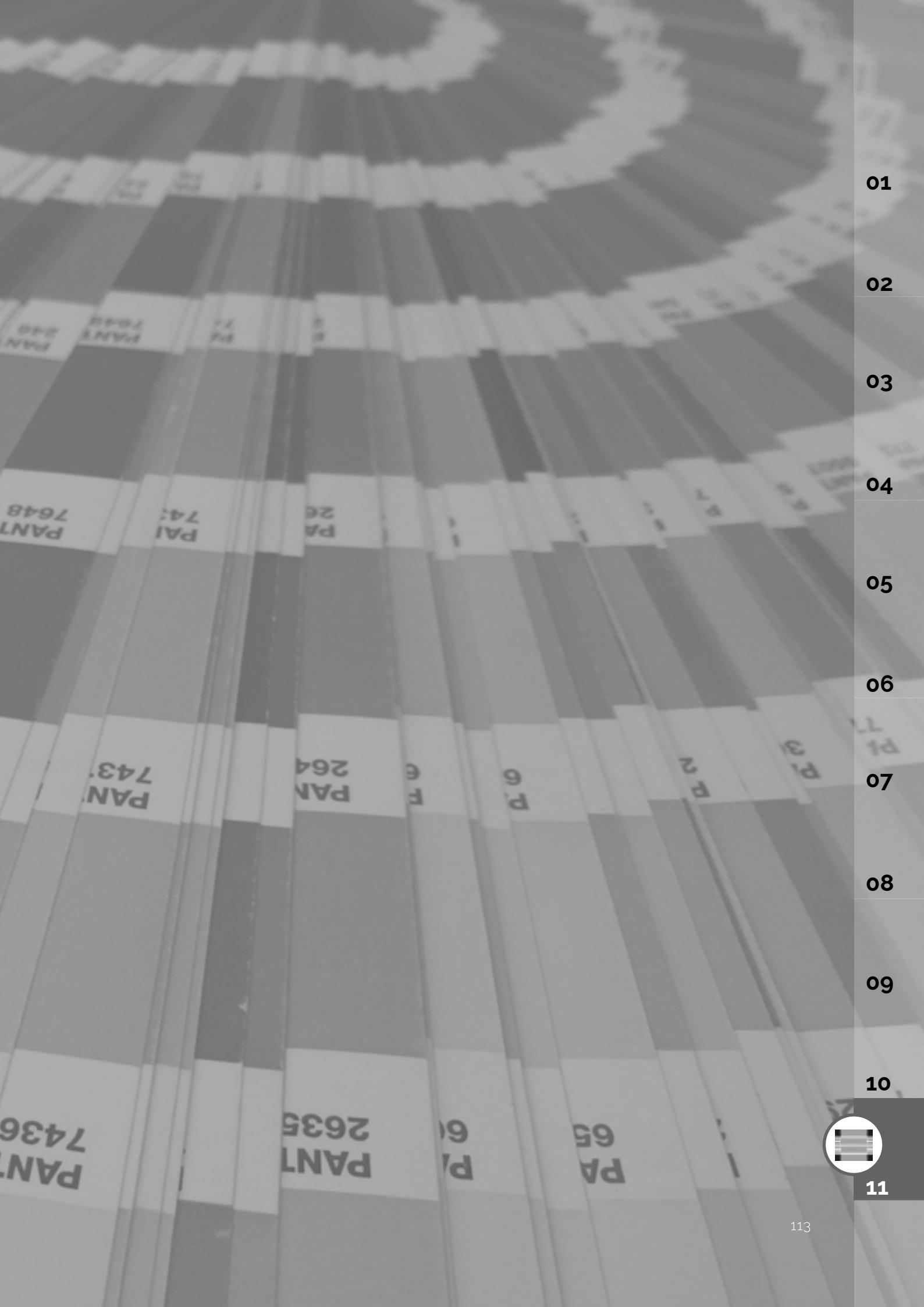


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PERSONALIZATIONS



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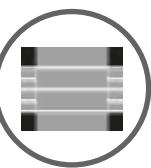
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PANT 7436

PANT 2635

PANT 65



PERSONALIZATIONS

PERSONALIZATIONS



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SIREN COLOR

AVOTEC is available to carry out dedicated customizations by RAL colour.

ADHESIVE

AVOTEC is available to carry out dedicated customizations using a color sticker.

SERIGRAPHY

AVOTEC is available to carry out dedicated customizations by serigraphy with RAL painting.

TAMPOGRAPHY

AVOTEC is available to customize company logos on devices with convex surfaces.

LABEL AVD AND DOA

AVOTEC is available to carry out dedicated customizations of the films with the customer's logo.



PREMISE

The following sales conditions are applicable to all sales, both in Italy and abroad.

The submission of orders and pick-up of all materials belonging to AVOTEC S.r.l. immediately imply the full acceptance of all sales conditions mentioned below.

1. VALIDITY OF SALES ORDERS

The sales orders taken by our sales agents are binding only if confirmed by AVOTEC S.r.l. via a written statement, with AVOTEC S.r.l. reserving the right to accept or void any order.

2. PRICE LIST

The prices on the list are only per product and do not include taxes, insurance, pallets or packaging and transport costs. The list is subject to change and it is the responsibility of AVOTEC S.r.l. to inform its clients within 30 days of the price change, with exceptions.

3. MINIMUM ORDER

AVOTEC S.r.l. reserves the right not to dispatch any order inferior to €150,00 (one-hundred and fifty).

4. ORDER DISPATCH

The terms of consignment and dispatch of orders should be agreed upon with the AVOTEC S.r.l. sales department. Lateness of delivery will not be penalized in any way. In the case of a modification to an order, the delivery date shall be calculated based on the date of the modification.

5. HIGHER POWER

The order cannot be voided or penalized for late delivery due to higher powers such as: fire, flood, strike, lock-outs, interruption of transport, accidents, missed delivery from suppliers, border delays or any other cause not controlled by AVOTEC S.r.l.

6. TRANSPORT

Transport and delivery must be chosen by the client, unless otherwise stated. The choice of delivery service is not the responsibility of AVOTEC S.r.l. The material in consignment is at the risk of the client even if the material is sold including delivery costs. The materials delivered by AVOTEC S.r.l. will be insured only at the specific request of the client.

7. COMPLAINTS

Any and all complaints concerning orders will be accepted only by registered mail delivered to AVOTEC S.r.l.'s legal headquarters within eight days of the delivery of the material.

8. PAYMENT CONDITIONS

Payment of all orders will be via a non-transferrable cashier's cheque or cash money.

Any other form of payment must be agreed to with AVOTEC S.r.l.'s management. Missed or late payments of all or part of an order will authorize AVOTEC S.r.l. to suspend an ongoing order and/or annul any eventual supply contracts, and reserve the right to assess and be compensated for any potential damages.

9. PROPRIETY RIGHTS

Any purchase made by any client constitutes the recognition of all industrial patents belonging to AVOTEC S.r.l., and the client recognizes and respects the industrial patents whether indicated or not on any products or packaging, as well as the trade marks on the products themselves.

10. GUARANTE

The guarantee covers two (2) years from the production date of the product. Returns will be accepted only if accompanied by a technical description of the defect. Transport for the returns will not be the responsibility of AVOTEC S.r.l. Any returns not covered by the guarantee will be replaced with a cost of 70% of the list price.

11. DAPPLICABLE LAWS

Eventual legal matters will be taken up in a court of Italian Law.

12. LEGAL PROCEEDINGS

All other legal problems relative to the supply of AVOTEC S.r.l. materials will be handled by the tribunal of Monza.



www.imq.it

CISQ is a member of



The International Certification Network
www.iqnet-certification.com

CERTIFICATO N. 9190.AVTC
CERTIFICATE N.

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

AVOTEC SRL

VIA BERNARDINO LUINI 73 - 20821 MEDA (MB) Italy

UNITA' OPERATIVE/OPERATIVE UNITS

VIA BOLOGNA 114 - 20831 SEREGNO (MB) Italy

E' CONFORME ALLA NORMA / IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2015

PER LE SEGUENTI ATTIVITA' / FOR THE FOLLOWING ACTIVITIES

Progettazione e produzione apparati, sistemi e componenti ottico - acustici
per impianti di sicurezza antintrusione, rilevazione incendio, evacuazione e
protezione accessi. Commercializzazione di dispositivi per impianti di sicurezza

*Design and production equipment, system and optical - acoustic
components for intrusion security system, fire detection, evacuation
and security access. Sales of devices for security systems*

Ulteriori informazioni riguardanti l'applicabilità dei requisiti ISO 9001:2015 possono essere ottenute consultando l'organizzazione
Further clarifications regarding the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL
REGOLAMENTO PER LA CERTIFICAZIONE DEI SISTEMI DI GESTIONE
THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE
REQUIREMENTS OF THE RULES FOR CERTIFICATION OF MANAGEMENT SYSTEMS

DATE:	PRIMA CERTIFICAZIONE FIRST CERTIFICATION	EMISSIONE CORRENTE CURRENT ISSUE	SCADENZA EXPIRY
	14/05/2012	22/02/2024	19/04/2027

IMQ S.p.A. - VIA QUINTILIANO, 43 - 20138 MILANO ITALY
Management Systems Division - Flavio Orsiago



IAF: 19,29

MS N° 0005MS

Membro degli Accordi di Mutuo
Riconoscimento (EA, IAF e ILAC)
Signatory of EA, IAF and ILAC Mutual
Recognition Agreements

La validità del certificato è subordinata a sorveglianza annuale e fissante
completo del Sistema di Gestione con periodicità triennale.
The validity of the certificate is submitted to annual audit and a
reassessment of the entire Management System within three years.



www.cisq.com

CISQ è la Federazione Italiana di Organismi di
Certificazione del Sistema di gestione aziendale. CISQ
is the Italian Federation of Management system
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