



AVOTEC®
DA SEMPRE SICUREZZA

ITALIAN PRODUCTION

GENERAL CATALOGUE 27

INDEX

■ ABOUT US

page 04



01. INTRUSION SIGNALLING

page 06

Outdoor sirens

- _ MOON Series [page 08](#)
- _ VENUS Series [page 12](#)
- _ NOVA Series [page 16](#)
- _ STAR Series [page 20](#)

Indoor sirens

- _ ERIS Series [page 22](#)
- _ ERIS L Series [page 23](#)
- _ AX Series [page 24](#)



02. FIRE SIGNALLING

page 26

CPR EN54-3
Certified products

- _ DOA FJ/CPD Series [page 28](#)
- _ AVD FJ/CPD Series [page 28](#)
- _ STAR F24 CPR Series [page 28](#)
- _ MOON F24 CPR Series [page 28](#)
- _ VENUS F24 CPR Series [page 28](#)

CPR EN54-3 / EN 54-23
Certified products

- _ DOA K Series [page 30](#)
- _ DOA P Series [page 30](#)

F24 self-powered sirens

- _ MOON Series [page 32](#)
- _ VENUS Series [page 32](#)

Indoor sirens

- _ ERIS F Series [page 34](#)
- _ ERIS FL Series [page 34](#)

Signalling panels

- _ AVD Series [page 36](#)
- _ DOA Series [page 38](#)
- _ FAP Series [page 40](#)

Remote indicators

- _ DUNE Series [page 42](#)
- _ KARI Series [page 44](#)
- _ APOLLO Series [page 46](#)



03. EVACUATION SIGNALLING

page 48

- _ EV-COM evacuation system [page 50](#)

Stand-alone optical/voice units

- _ DEV Series sirens [page 56](#)
- _ DEV Series panels [page 58](#)



04. PROTECTION SECURITY EXIT DOORS

page 60

Stand Alone Siren units

- _ MOON Series [page 62](#)
- _ VENUS Series [page 62](#)

Stand Alone Panel units

- _ AVD Series [page 64](#)
- _ DOA Series [page 64](#)



05. POWER SUPPLIES DEVICE

page 66

Safety and TVCC power supplies

- _ ALTC Series page 68
- _ RS25-15 page 68
- _ AL12AA page 70

EN 54-4 + EN 12101-10
certified power supplies

- _ ZSP100 Series page 72
- _ ZSP135 Series page 73



06. ELECTROMAGNETS

page 74

Electromagnetic holders

- _ S2 Series page 76
- _ S3 Series page 76
- _ S5 Series page 78
- _ Accessories page 79

Safety electromagnets

- _ EDT Series page 80
- _ Accessories page 81



07. TVCC ACCESSORIES

page 82

Metal boxes

- _ BOX TVCC WH05 page 84
- _ MSP 17-10 page 84

Poles

- _ PALTC 350 page 86
- _ PALTC 450 page 86



08. SPECIAL PRODUCTS

page 88

Mini control panel with two zones/sirens

- _ MOON Series page 90
- _ VENUS Series page 90

Smoke generators

- _ FOBOS Series page 92
- _ FOBOS BOX Series page 94
- _ FOBOS RTX Series page 96
- _ FOBOS CMW Series page 96

Optical panels for smoking rooms
Light indicators

- _ SMOKE Series page 98

Single-colour

- _ DUNE Series page 100
- _ SUN Series page 101
- _ KARI Series page 101

Bi-colours

- _ DUNE RV Series page 102
- _ KARI RV Series page 102
- _ APOLLO RV Series page 102
- _ SUN RV Series page 103



09. SIGNAGE

page 104

Metal

- _ CTS Series page 106

Plexi

- _ CPS Series page 107



10. ACCESSORIES

page 108



11. CUSTOMIZATION

page 112

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



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General
Direction
Seller
Technical
Quality
Administration
Buyer
Secretary

01

INTRUSION SIGNALLING



01

02

03

04

05

06

07

08

09

10

11

OUTDOOR SIRENS:

- _ MOON Series
- _ VENUS Series
- _ NOVA Series
- _ STAR Series

INDOOR SIRENS:

- _ ERIS Series
- _ ERIS L Series
- _ AX Series



INTRUSION
SEGNALLING



OUTDOOR SIRENS
MOON

MOON SERIES

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

07

08



MOON 61



MOON 62



MOON 63



MOON 64

09

10

11

	J	J/AS	S	S/AS	V	V/AS	WL	WL/AS
FEATURES								
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		- -	



01

02

03

04

05

06

07

08

09

10

11





INTRUSION
SEGNALLING



OUTDOOR SIRENS
VENUS

VENUS SERIES

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

02

03

04

05

06

07

08

09

10

11



VENUS 11



VENUS 12



VENUS 13



VENUS 14



VENUS 21



VENUS 22



VENUS 23



VENUS 24



VENUS 41



VENUS 42





VENUS 43



VENUS 44



VENUS A

	J	J/AS	S	S/ AS	V	V/AS	WL	WL/AS	A
FEATURES									
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 condiction	--		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 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	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	--					--			
INCERT Certification	--					--			
MIC VO 01-microphone	--				Optional		--		



01

02

03

04

05

06

07

08

09

10

11





INTRUSION
SEGNALLING



OUTDOOR SIRENS
NOVA

NOVA SERIES

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.





01



NOVA 11



NOVA 12



NOVA 13



NOVA 21



NOVA 22



NOVA 23



NOVA 31



NOVA 32



NOVA 33



NOVA 41



NOVA 42



NOVA 43

02

03

04

05

06

07

08

09

10

11



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



01

02

03

04

05

06

07

08

09

10

11

	J	J/AS	JX	JX/AS
FEATURES				
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 o8			
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.



01

02

03

04

05

06

07

08

09

10

11

FEATURES	LI	
	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 emoval 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 condiction	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

02

03

04

05

06

07

08

09

10

11

	ERIS	ERIS L
FEATURES		
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	



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





01

02

03

04

05

06

07

08

09

10

11

	AX98	AX105	AX112
FEATURES			
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



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

CPR EN54-3/EN 54-23

CERTIFIED PRODUCTS:

- _ DOA K Series
- _ DOA P Series

- F24 SELF-POWERED SIRENS:**
- _ MOON Series
 - _ VENUS Series

INDOOR SIRENS:

- _ ERIS Series

SIGNALLING PANELS:

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

REMOTE INDICATORS:

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

01

02

03

04

05

06

07

08

09

10

11



FIRE
SIGNALLING

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.

	DOA FJ/CPD	AVD FJ/CPD	STAR F24/CPR	MOON F24/CPR	VENUS F24/CPR
FEATURES					
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



01

02

03

04

05

06

07

08

09

10

11



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.

	DOA P	DOA P/WP	DOA K	DOA K/WP
FEATURES				
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		- -	



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



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

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.

ERIS F SERIES

	ERIS			
FEATURES	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			



ERIS F12 - ERIS F24



ERIS FL12 - ERIS FL24



01

02

03

04

05

06

07

08

09

10

11



FIRE
SIGNALLING



AVD SIGNALLING
PANELS

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...



AVD SERIES

	AVD				
FEATURES	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



01

02

03

04

05

06

07

08

09

10

11



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.



	DOA			
FEATURES	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

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.

FAP SERIES





	FAP FJ	FAP FJ/A
FEATURES		
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

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.

DUNE SERIES



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



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!

KARI SERIES



	KARI							
FEATURES	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 'CASSETTA' logo	- -			Red	- -			Red
Hole diameter	32mm							
Walkable	x							
Cable tie	x							



KARI M



KARI MR



KARI N



KARI HR



01

02

03

04

05

06

07

08

09

10

11



FIRE
SIGNALLING



REMOTE INDICATORS
CEILING/FLUSH
APOLLO

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.

APOLLO SERIES





	APOLLO	APOLLO N
FEATURES		
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

01

02



03

04

EV-COM SYSTEM

STAND-ALONE

OPTICAL/VOICE UNITS:

_ DEV Sirens series

_ DEV Panels series

05

06

07

08

09

10

11



EVACUATION
SIGNALLING



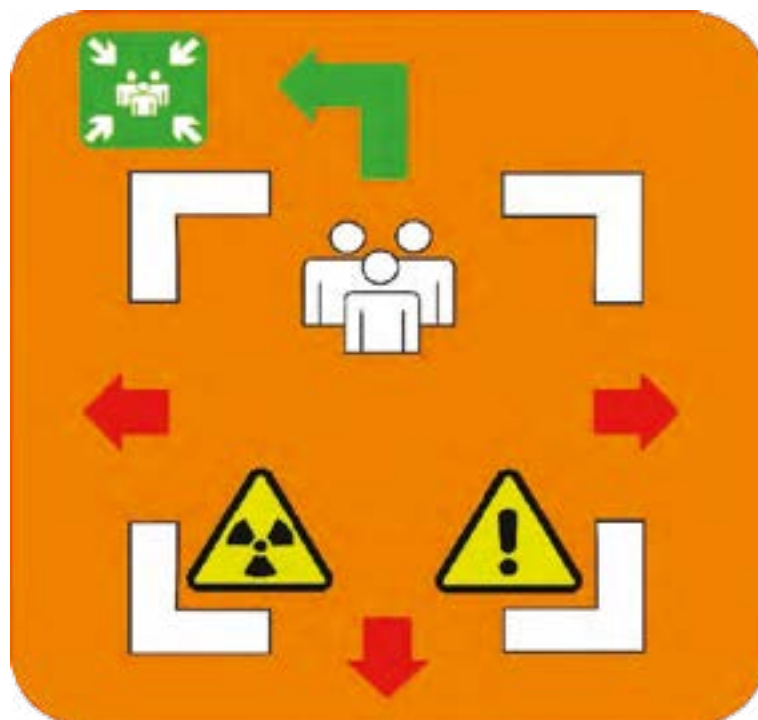
CENTRALIZED
EV-COM SYSTEM

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.



EV-COM SYSTEM

	EV		
FEATURES	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	- -	
Displayng 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





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

	EVM	EVM/P	EVM/ WP/P	EVP/A	EVP/A /230	EVP/A/ BF	DOA EVP/A	DOA/ EVP/ WP/P	
FEATURES									
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

01

02



03

04

05

06

07

08

09

10

11



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



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	IPX0					
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



	MOON		VENUS	
FEATURES	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

	DOA				AVD
FEATURES	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				



01

02

03

04

05

06

07

08

09

10

11

04

PROTECTION SECURITY
EXIT DOORS

01

02

03



04

STAND ALONE SIREN UNITS:

- _ MOON Series
- _ VENUS Series

STAND ALONE PANEL UNITS:

- _ AVD Series
- _ DOA Series

05

06

07

08

09

10

11



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 time same fast and easy to install.

VENUS US - VENUS US 230



MOON US - MOON US 230



	MOON		VENUS	
FEATURES	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				
Remote disable/reset	N.A. Contact			
Out power supply AUX	12V / 0,5A			
System status programmable output	O/C - 0,050A Max			
Failure output				
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			





PROTECTION SECURITY
EXIT DOOR

STAND ALONE
PANEL UNITS

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



US PANELS SERIES

	AVD		DOA	
FEATURES	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	O/C - 0,050A Max			
Failure output				
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)			



05

**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

01

02

03

04



05

06

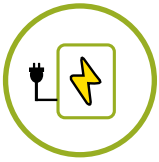
07

08

09

10

11



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



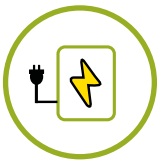
RS25-15





	ALTC 1215	ALTC 1220
FEATURES		
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

	RS25-15
FEATURES	
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



POWER SUPPLY
DEVICES

SAFETY AND TVCC
POWER SUPPLIES
SERIES AL12AA

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...

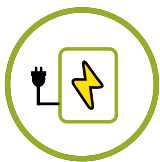
AL12AA



AL12AA SERIES



	AL12AA
FEATURES	
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)



ZSP100 SERIES + ZSP135 SERIES

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...

	ZSP100				
FEATURES	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	

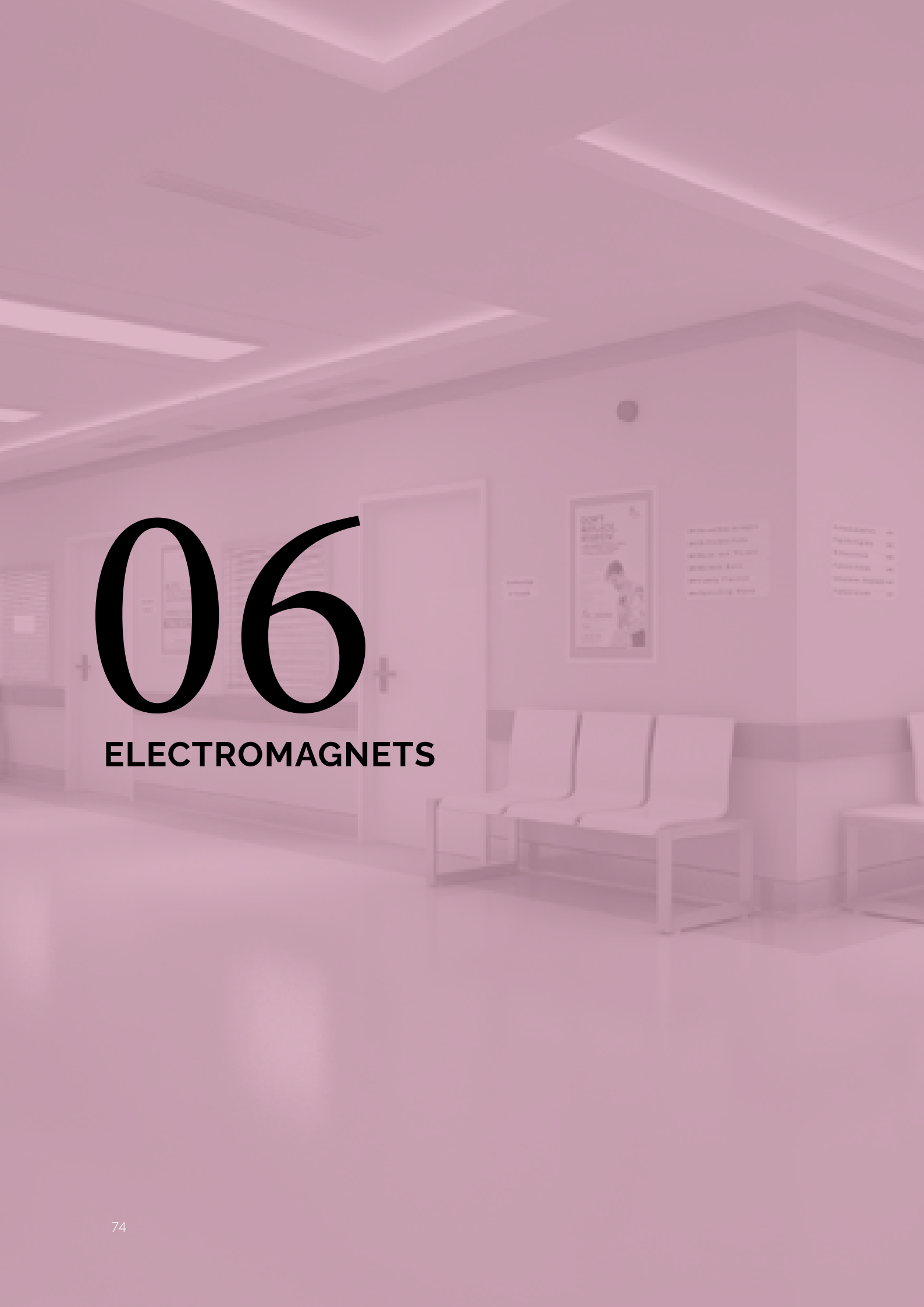
ZSP100 SERIES



ZSP135 SERIES



	ZSP135-DR-3A-1	ZSP135-DR-5A-2	ZSP135-DR-7A-3
FEATURES			
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		



06

ELECTROMAGNETS

01

02

03

04

ELECTROMAGNETIC HOLDERS:

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

05



06

SAFETY ELECTROMAGNETS:

- _ EDT Series
- _ Accessories

07

08

09

10

11



ELECTROMAGNETS

● ELECTROMAGNETIC HOLDERS
S2 SERIES + S3 SERIES

WE REALLY DO CARE ABOUT YOUR SAFETY

When safety is needed, AVOTEC is there!

Solutions with electromagnetic holders for S2-S3 series fire doors and gates 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.

S2 SERIES



S3 SERIES



S2 SERIES

	S2.0050_01W	S2.0050_01B	S2.0110_01W
FEATURES			
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		

	S3.0060_01	S3.0110_01
FEATURES		
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)	





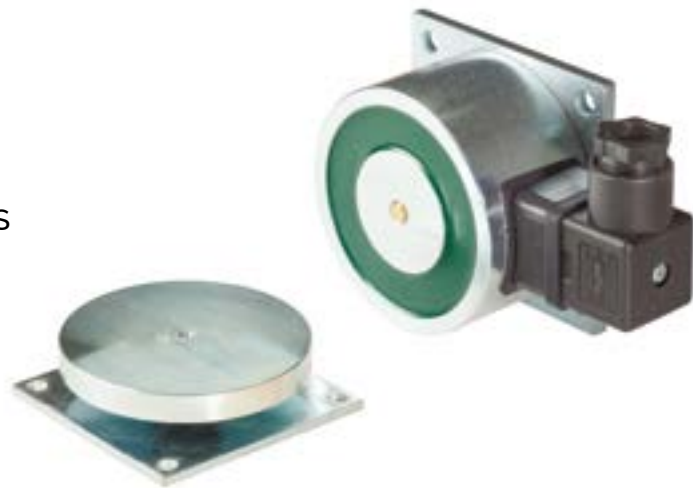
WE REALLY "DO CARE" ABOUT YOUR SAFETY

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



	S5.0160_02
FEATURES	
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

S5 SERIES

ACCESSORIES FOR ELECTROMAGNETIC HOLDERS S-SERIES

WALL MOUNTING BRACKETS

So.3130_N000



So.3150_N000



FLOOR MOUNTING BRACKETS

So.3000_000



COUNTERPLATE

So.1060B - So.110B



EXTENSION TUBE

S3.300 - 50.061



01

02

03

04

05



06

07

08

09

10

11



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



EDT
SERIES

	EDT 150N001	EDT 300N001	EDT 500N001
FEATURES			
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

STL1N - STL3N - STL5N



STZL1N - STZL3N - STZL5N



STC3 - STC5



01

02

03

04

05



06

07

08

09

10

11



07

**TVCC
ACCESSORIES**

01

02

03

04

METAL BOXES:

- _ BOX TVCC WH05
- _ MSP 17-10

05

POLES:

- _ PALTC 350
- _ PALTC 450

06



07

08

09

10

11



TVCC ACCESSORIES

METAL BOXES
TVCC WH05 + MSP 17-10

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



METAL BOXES

	BOX TVCC WH05
FEATURES	
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

	MSP 17-10
FEATURES	
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

(*) distance from the wall





WE HAVE WHAT YOU NEED TO COMPLETE YOUR TVCC SYSTEM

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

PALTC



01

02

03

04

05

06



07

08

09

10

11

	PALTC 350	PALTC 450
FEATURES		
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	- 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

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

01

02

03

04

05

06

07



08

09

10

11



SPECIAL
PRODUCTS



MINI CONTROL PANEL
WITH TWO ZONES/SIRENS

IN THIS SPACE THERE IS A PLACE FOR EVERYTHING

VENUS C - VENUS C/AS



MOON C - MOON C/AS

C SERIES

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.

	MOON		VENUS		KIT MOON		KIT VENUS	
FEATURES	C	C/AS	C	C/AS	C	C/AS	C	C/AS
Power supply	230Vac (230Vac/13.8Vdc power supply included)							
Fuse protectio on 230Vac	x							
Stand-by absorbtion (without recharging battery)	0,02A							
Max absorption	1A							
Sound pressure @ 1m	118dB							
Input zones	N° 2 (N.C. Contact)							
Programmable zones	x							
Programmable resistive balancing of inputs	x							
Programmable input timing	x							
Programmable output timing	x							
High brightness flash leds	x							
Programmable status system signaling	x							
Programmable alarm me-mory	x							
Programmable type of flashing alarm condicions	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.

01

02

03

04

05

06

07



08

09

10

11

	FOBOS W	FOBOS B
FEATURES		
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 BOX B

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

01

02

03

04

05

06

07



08

09

10

11



SPECIAL
PRODUCTS

ACCESSORIES
FOBOS RTX

SERIE FOBOS RTX + SERIE FOBOS CMW

SMALL DEVICES TO PROTECT YOUR GOODS IN YOUR SPACE

RTX



	TECHNICAL DATA
FEATURES	
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

CMW



	TECHNICAL DATA
FEATURES	
Power supply	N° 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



01

02

03

04

05

06

07

08

09

10

11



SPECIAL
PRODUCTS

OPTICAL PANELS FOR
SMOKING ROOMS

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!

SMOKE
SERIES



	NS	NS/A/230	YS	YS/A/230
FEATURES				
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

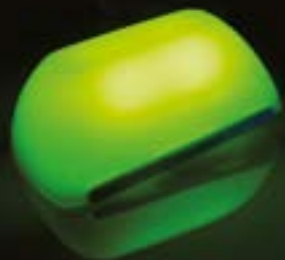
Optical signaling for a WORLD'S COLOR!

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

DUNE SW



DUNE SG



DUNE SV



DUNE SB



DUNE SR



KARI N



SUN C



SUN P

	DUNE			KARI	SUN	
FEATURES	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

REPORT WITH DISCRETION

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.



	DUNE RV	KARI RV	APOLLO RV	SUN RV
FEATURES				
Power supply	from 12 up to 24Vdc		from 5 up to 28Vdc	from 12 up to 30Vdc
Red light absorption	0,060A	0,044A	0,012A	0,040A
Green light absorption	0,040A	0,058A		0,030A
High brightness leds	Bi-colour			
Operation	Steady light			Programmable
Red/green flashing	--			x
Flashing control input				oVdc (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

METAL:

_ CTS Series

PLEXI:

_ CPS Series

01

02

03

04

05

06

07

08

09

10

11



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

	CPS SERIES PLEXI SIGN						
FEATURES	01	01BF	02	02BF	03	03BF	09
Material	PMMA						
Graphic typology	page 79						
Dimensions	175 x 175mm		240 x 120mm				85 x 125mm
Thickness	4mm						2mm
Weight	140g		135g				10g
UNI 7010 Compliant symbol	x		- -		x		
CW CPS KIT	Optional (see page 111)						- -



CPS04



CPS06



CPS07

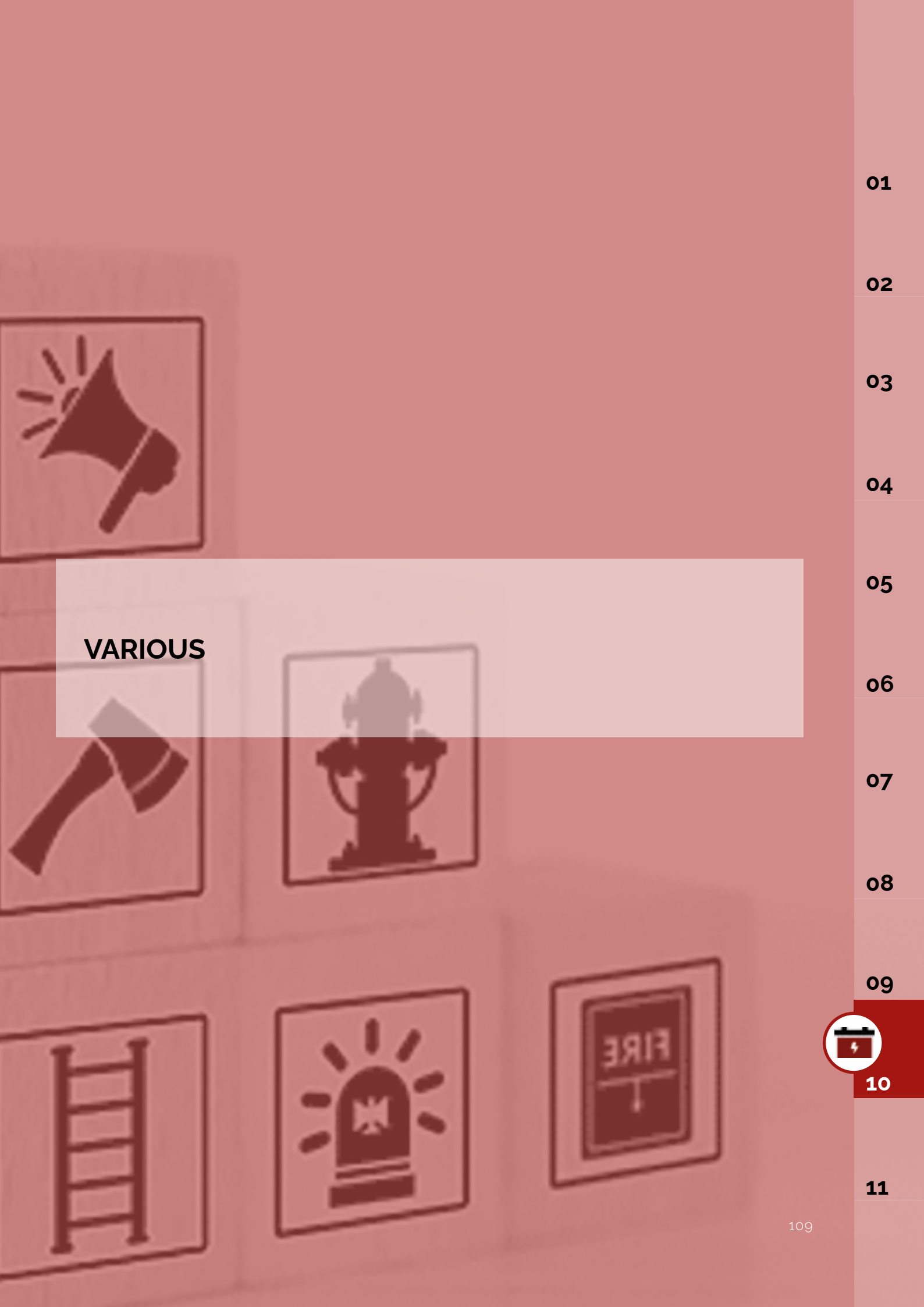


CPS13

	CPS SERIES PLEXI SIGNS WITH HOLE			
FEATURES	04	06	07	13
Material	PMMA			
Graphic typology	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			

10

ACCESSORIES



VARIOUS

01

02

03

04

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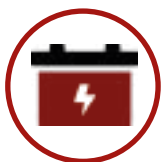
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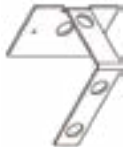





11



WHAT MAKES THE DIFFERENCE!

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

ACCESSORIES

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 x 48mm	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

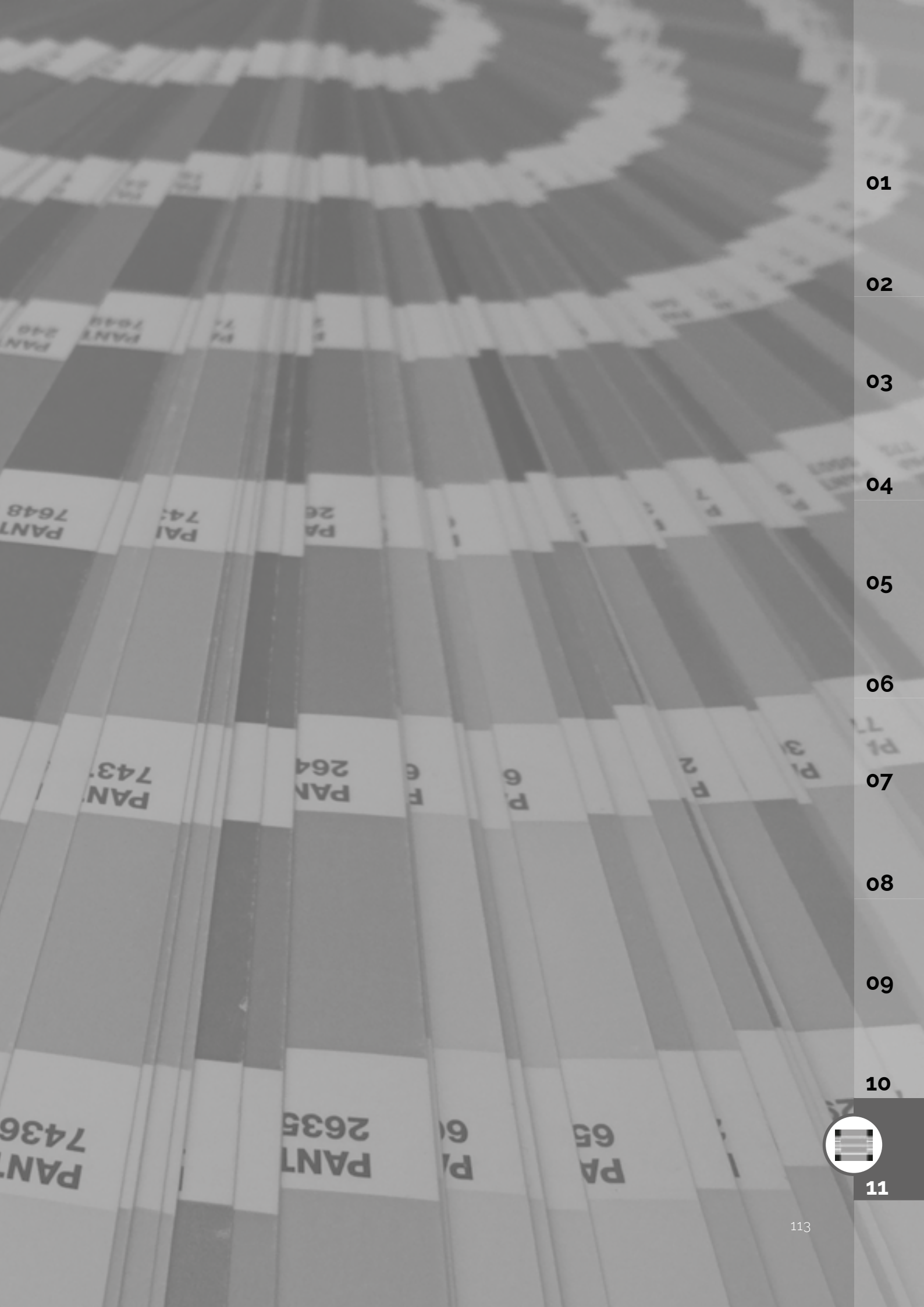
CODICE	IMMAGINE	DESCRIZIONE	IMPIEGO
SE/3IR1S		Conversion kit from 3 OC outputs to 3 relay outputs, 12Vdc. Complete with output wiring and mounting bracket. Max consumption 60mA. Contact rating 1A 230Vac – 30Vdc	Universal
SE/IR1S		Relay interface card with 1 changeover, 12Vdc, max. consumption 20mA. Contact 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





1

PERSONALIZATIONS



11





PERSONALIZATIONS



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.

01

02

03

04

05

06

07

08

09

10



11

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. GUARANTEE

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.

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

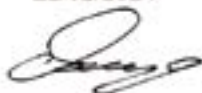
PER LE SEGUENTI ATTIVITA' / FOR THE FOLLOWING ACTIVITIES

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 Orsago



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 revisione
completa 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
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