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Frequency band	DAHUA	PERFECTA	ABAX2 - PERFECTA 64 M	PERFECTA	PERFECTA	PARADOX: SPECTRA SP V4.00+ MAGELLAN M V2.31+	PARADOX: Digiplex EVO	PARADOX: Digiplex EVO	PARADOX: Digiplex EVO	INTEGRA	INTEGRA, CA-64	INTEGRA, CA-64	INTEGRA	INTEGRA	INTEGRA, CA-64	PulsON Alarm	PulsON Alarm	PulsON Alarm	PulsON Alarm	VERSA	VERSA	VERSA	VERSA, VERSA Plus	INTEGRA	INTEGRA	INTEGRA	INTEGRA	ABAX/ABAX2	ABAX/ABAX2	ABAX/ABAX2	INTEGRA, INTEGRA Plus, PERFECTA 64 M	INTEGRA, INTEGRA Plus, PERFECTA 64 M
Maximal current consumption	433.1 MHz	...	868.0 MHz ... 868.6 MHz	433 MHz	433 MHz	...	...	...	100 mA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	868 MHz ... 868.6 MHz	868 MHz ... 868.6 MHz	868 MHz ... 868.6 MHz	...	...
Receiver operation temperatures range	...	...	...	...	...	...	...	...	-10 °C ... +55 °C	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Radio communication range (at open area)	...	...	< 800 m	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Permissible relative humidity	...	...	...	...	...	5 % ... 93 %	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Environmental class EN 50130-5	...	...	II	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Current consumption	...	max. 50 mA	...	...	...	max. 150 mA	max. 150 mA	...	17 mA	max. 101 mA	max. 147 mA	max. 151 mA	max. 151 mA	max. 147 mA	max. 35 mA	max. 35 mA	max. 125 mA	max. 125 mA	max. 130 mA	max. 130 mA	max. 60 mA	max. 65 mA	max. 156 mA	max. 156 mA	max. 110 mA	max. 110 mA	...	...	...	155 mA	155 mA	
Main features	13.56 MHz S50 proximity reader built-in. - Wireless, Range : max. 80 m. - RS-485 interface. - Keypad backlight buttons. - LEDs indicating device operation state - Quick switch on the selected standby mode by function keys. - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication. - Microswitch as tamper contact. - Easy operation	- Keypad backlight buttons - LEDs indicating device operation state - Quick switch on the selected standby mode by function keys - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication - Microswitch as tamper contact - Easy operation	- Cooperation with the controllers of the ACU-220, ACU-280 series - firmware version 6.06 or later. - Bidirectional encrypted radio communication - Easily readable LCD with backlight displaying detailed information on system state - Keypad backlight buttons. - LEDs indicating device operation state - Quick switch on the selected standby mode by function keys - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication - Microswitch as tamper contact - Easy operation - Power-saving mode	- Keypad backlight buttons - LEDs indicating device operation state - Quick switch on the selected standby mode by function keys - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication - Microswitch as tamper contact - Easy operation - Bidirectional encrypted radio communication	- Keypad backlight buttons - LEDs indicating device operation state - Quick switch on the selected standby mode by function keys - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication - Microswitch as tamper contact - Easy operation - Bidirectional encrypted radio communication	- LCD 2x16 characters - Backlight color - Blue - Support StayD function - Buzzer for acoustic signaling of some system events - One-touch action buttons - Alarms: keypad hold-down PANIC, FIRE and AUX - Assign to one or more partitions - The ability to connect 1 alarm zone - Independently set chime zones - Panel communication loss indication - RS-232 port allows to programming using the PC with GUARDX software installed - Microswitch as tamper contact	- LCD 2x16 characters - Backlight color - Blue - Buzzer for acoustic signaling of some system events - One-touch action buttons - Alarms: keypad hold-down PANIC, FIRE and AUX - Assign to one or more partitions - The ability to connect 1 alarm zone - Independently set chime zones - Panel communication loss indication - RS-232 port allows to programming using the PC with GUARDX software installed - Microswitch as tamper contact	- LCD 2x16 characters - Backlight color - Blue - Buzzer for acoustic signaling of some system events - One-touch action buttons - Alarms: keypad hold-down PANIC, FIRE and AUX - 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Microswitch as tamper contact - DIP SWITCH for configuration and addressing - Simple and quick device installation	- Blue backlight of the keys - LEDs indicating device operation state - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication - RS-232 port allows to programming using the PC with GUARDX software installed - Microswitch as tamper contact	- Green backlight of the keys - LEDs indicating device operation state - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - Panel communication loss indication - RS-232 port allows to programming using the PC with GUARDX software installed - Microswitch as tamper contact	- proximity reader built-in. - Large, easily readable LCD with backlight displaying detailed information on system state. - Optical and acoustic alarm system status signaling. - Blue backlight of the keys. - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events. - RS-232 port allows to programming using the PC with GUARDX software installed. - proximity reader built-in - Unique EM 125kHz - Microswitch as tamper contact	- proximity reader built-in. - Large, easily readable LCD with backlight displaying detailed information on system state. - Optical and acoustic alarm system status signaling. - Blue backlight of the keys. - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events. - RS-232 port allows to programming using the PC with GUARDX software installed. - proximity reader built-in - Unique EM 125kHz - Microswitch as tamper contact	- Large, easily readable LCD with backlight displaying detailed information on system state 3EOL configurations support - 2 Inputs - Operation status LED indicator - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - RS-232 port allows to programming using the PC with GUARDX software installed - proximity reader built-in - Unique EM 125kHz - Microswitch as tamper contact	- Large, easily readable LCD with backlight displaying detailed information on system state 3EOL configurations support - 2 Inputs - Operation status LED indicator - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - RS-232 port allows to programming using the PC with GUARDX software installed - proximity reader built-in - Unique EM 125kHz - Microswitch as tamper contact	- proximity reader built-in - Unique EM 125kHz - Large, easily readable LCD with backlight displaying detailed information on system state - Operation status LED indicator - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - RS-232 port allows to programming using the PC with GUARDX software installed - proximity reader built-in - Unique EM 125kHz - Microswitch as tamper contact	- proximity reader built-in - Unique EM 125kHz - Large, easily readable LCD with backlight displaying detailed information on system state - Operation status LED indicator - Alarms: keypad hold-down PANIC, FIRE and AUX - Buzzer for acoustic signaling of some system events - RS-232 port allows to programming using the PC with GUARDX software installed - proximity reader built-in - Unique EM 125kHz - Microswitch as tamper contact	- Large, easily readable LCD with backlight displaying detailed information on system state 2 Inputs - INTEGRA, INTEGRA Plus only - Vibration detectors and rollerblinds detectors support - EOL, 2EOL, 3EOL configurations support - EOL resistors - programmable EOL resistance value - LEDs indicating device operation state - customizable standby screen with possibility of individual set of displayed information 4 extra menus (up to 16 items each) and quick access functions defined by the installer - MAKRO features that activates sequence of actions with a single key - Alarms: keypad hold-down PANIC, FIRE and AUX - easy operation of this multi-zone systems - Touch and backlit keyboard buttons - Swipe gesture support (menu navigation) - Buzzer for acoustic signaling of some system events 13.56 MHz S50 proximity reader built-in (supported by the INTEGRA series control panels) - for future applications - Firmware upgrade via RS-485 port - Tamper protection (detection of removing from mounting surface and enclosure opening)	- Large, easily readable LCD with backlight displaying detailed information on system state 2 Inputs - INTEGRA, INTEGRA Plus only - Vibration detectors and rollerblinds detectors support - EOL, 2EOL, 3EOL configurations support - EOL resistors - programmable EOL resistance value - LEDs indicating device operation state - customizable standby screen with possibility of individual set of displayed information 4 extra menus (up to 16 items each) and quick access functions defined by the installer - MAKRO features that activates sequence of actions with a single key - Alarms: keypad hold-down PANIC, FIRE and AUX - easy operation of this multi-zone systems - Touch and backlit keyboard buttons - Swipe gesture support (menu navigation) - 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Compliance with standards	EN 50131, Grade 2	EN 50131, Grade 2	...	EN 50131, Grade 2	EN 50131, Grade 2	EN 50130-4, EN 61000-6-3, EN 60950-1, EN 50181	EN 50130-4, EN 61000-6-3, EN 60950-1, EN 50181	EN 50130-4, EN 61000-6-3, EN 60950-1, EN 50181	EN 50130-4, EN 61000-6-3, EN 60950-1, EN 50181	...	...	...	...	...	...	EN 50131, Grade 2	EN 50131, Grade 2	EN 50131, Grade 2	EN 50131, Grade 2	...	...	...	...	...	...	...	...	...	...	...	...	...
Power supply	12 V DC	12 V DC	• Lithium batteries - 2 pcs CR123A 3 V (included) • 5 V DC - APS-055 power adapter (optional)	Lithium batteries - 2 pcs CR123A (included)	Lithium batteries - 2 pcs CR123A (included)	9 ... 16 V DC	9 ... 16 V DC	12 V DC	12 V DC	10.5 V ... 14 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC - Bus connector	12 V DC - Bus connector	12 V DC - Bus connector	12 V DC - Bus connector	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	2 x CR123A (included)	2 x CR123A (included)	2 x CR123A (included)	12 V DC	12 V DC
Color	White	White	White	White	White	White / Silver	White / Silver	White / Silver	White / Silver	...	...	...	...	...	...	Black	White	Black	White	White	...	...	...	White	White	Black	White	Black	White	White	Black	White
Country of origin	...	...	...	...	...	Canada	Canada	Canada	Canada	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Operation temp	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	-10 °C ... 55 °C	
Weight	0.15 kg	0.24 kg	0.24 kg - Without batteries	0.24 kg - Without batteries	0.24 kg - Without batteries	0.220 kg	0.23 kg	0.26 kg	0.196 kg	0.23 kg	0.14 kg	0.17 kg	0.17 kg	0.17 kg	0.17 kg	0.16 kg	0.16 kg	0.17 kg	0.13 kg	0.24 kg	0.235 kg	0.34 kg	0.34 kg	0.34 kg	0.34 kg	0.34 kg	0.34 kg	0.34 kg				

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