

THE FUTURE OF FIRE DETECTION

IS HERE



HEAT DETECTION CO FIRE DETECTION

C-3-9.4 WHITE VAD O-C-1.9-4 RED VAD

92DE(A) SOUNDER VOICE SOUNDER



PROVEN FALSE ALARM REDUCTION
PROTECTION FROM FIRE LIKE NEVER BEFORE



THE FUTURE OF FIRE DETECTION IS HERE

Detects real fires quickly

Simplifies installation

Reduces false alarms reliably

Signals true alarm conditions decisively



Proven false alarm reduction and protection from fire like never before – introducing CAST-PRO, C-TEC's new range of integrated fire detection & alarm devices.

With heat, smoke and CO fire detection, plus a tone sounder or a voice sounder and a visual alarm device all in one unit, CAST-PRO represents a major breakthrough in addressable fire alarm system technology.

British-built and third-party certified to all relevant EN 54 product standards, CAST-PRO utilises some of the world's most advanced, innovative and patented technology to provide features and algorithms that adapt rapidly to changes in the environment to detect real fires quickly, reduce false alarms reliably and signal true fire alarm conditions decisively.

Compatible with C-TEC's ZFP & XFP CAST addressable fire panels and our ENVISION Cloud-based data management, test and commissioning software, CAST-PRO gives you everything you need to satisfy the requirements of today's complex multi-purpose buildings.

Improved protection, simplified installation and a reduced carbon footprint - CAST-PRO offers all this and more – at a very competitive price.

Read on to discover more.



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HEAT SMOKE

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OPEN TO
SEE THE
FUTURE
OF FIRE
DETECTION



Cost CO FIRE

KEY FEATURES

Revolutionary MASC™ smoke detection chamber with non-focal non-linear prismatic angular bandpass filter - detects real fires quickly & filters out false alarms effectively

multip tones (Co available

Attractive compact and unobtrusive housing is ideal for all environments

Sophisticated thermal & smoke flow vanes ensure optimum operation from all angles

Snap-in inserts identify the exact device type









Voice Sounder

Tone Sounder

Ultra-efficient C-3-9.4 rated EN54-23 white VAD facilitates compliance with the Equality Act (red VAD variants also available rated at O-C-1.9-4)

> **Dual LED indicator** strips offer 360° visibility from all angles

IP21C rated as standard - no need for additional gaskets

Second Generation C-TEC designed lens maximises light output with minimal current draw



Multiple fully EN54 certified detection & alarm functions heat, smoke, CO, tone sounder or voice sounder and VAD - in one compact CAST-PRO device



Powerful CAST-PRO sensing and programmable operation modes allow a site to be set up to suit its exact requirements

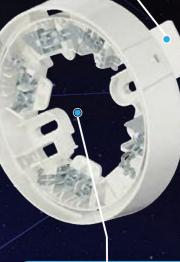


Pioneering CAST-PRO fire sensor design algorithms mean fewer false alarms but a very rapid response to real fire alarm conditions

Practical snap-in ID tag for device labelling

Sophisticated AFFIRM™ algorithms filter out unwanted alarms caused by dust, steam and insects but respond to real fires very quickly

10 year EN54-31 certified self-testing CO cell with the ability to detect EN 54-26/30 fire events and EN 50291 toxic gas events



Universal electronics-free CAST base with plenty of space for cable and connections

92dbA sound output with EN54-3 certified alarm tified voice variants also with custom messages o special order)

> Cutting-edge contamination traps extend device life (contamination levels are reported to the ZFP fire alarm panel and ENVISION™ Cloud)

Fully SMT PCB with conformally coated components for maximum reliability, manufactured at C-TEC's state-of-the-art UK facility

Integral EN54-17 short circuit loop isolator

Responsive sub-miniature thermistor constantly monitors for temperature changes in line with EN54-5

To get the full picture scan the code or visit cast-pro.com





Less wiring & lower installation costs - advanced CAST-PRO single device detection & alarm solution provides multiple on-site engineer and end user benefits



Fully compatible with C-TEC's ENVISION Cloud based 'Fire IoT' data management software via a ZFP or XFP CAST addressable fire alarm panel



Designed and manufactured by C-TEC in its multiple third-party factory-process approved UK headquarters and dedicated R&D facility



Environmentally-friendly -CAST-PRO's highly efficient integrated single device solution means less plastic and a lower carbon footprint

CAST-PRO Technical Specifications & Order Codes

						A				
ORDER CODE (White Housing)	CP416	CP402	CP414	CP414T	CP414V	CP414TV	CP414TVR	CP414VV	CP414VVR	
ORDER CODE (Black Housing)	n/a		CP414B	n/a	a	CP414BTV	n/a			
DESCRIPTION	CAST-PRO Smoke Detector	CAST-PRO Heat Detector	CAST-PRO Multisensor Detector	CAST-PRO Multisensor Detector c/w Tone Sounder	CAST-PRO Multisensor Detector c/w Voice Sounder	CAST-PRO Multisensor Detector c/w Tone Sounder & White VAD	CAST-PRO Multisensor Detector c/w Tone Sounder & Red VAD	CAST-PRO Multisensor Detector c/w Voice Sounde & White VAD	CAST-PRO Multisensor Detector c/w Voice Sounder & Red VAD	
CERTIFIED STANDARDS	EN 54-7 EN 54-13 EN 54-17	EN 54-5 EN 54-13 EN 54-17	EN 54-5 EN 54-7 EN 54-13 EN 54-17 EN 54-29	EN 54-3, EN 54-5, EN 54-7, EN 54-13 EN 54-17, EN 54-29		EN 54-3, EN 54-5, EN 54-7, EN 54-13 EN 54-17, EN 54-23, EN 54-29				
CPR NUMBER	0063-CPR- 242190022	0063-CPR- 242190023	0063-CPR- 242190021	0063-CPR-2	242190019		0063-CPI	R-242190011		
COMPATIBLE PANELS	ZFP CAST 1-8 LOOP PANELS & XFP CAST 1-2 LOOP PANELS									
COMPATIBLE BASE	CA408 CAST detector base, ceiling mounting only									
INDICATORS	Two red LED indicator strips offering 360° visibility									
DIMENSIONS	105mm diameter, 48mm deep (65mm deep on CA408 base) 105mm diameter, 51mm deep (68mm deep on CA408 base)								CA408 base)	
SUPPLY VOLTAGE	22 to 40Vdc				28 to 40		0Vdc			
ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On	<1mA			5.4mA	17.1mA	13.2mA		2	24.9mA	
ALARM CURRENT	<1mA			5.0mA	9.1mA	10.8	10.8mA		14.6mA	
lavg @ Vmin @ Max Vol, VAD On							10.8mA 300mW			
POWER @ 28Vdc		<28mW		140mW	255mW		mvv	410mW		
ENVIRONMENT TYPE QUIESCENT @ 40Vdc	570µA	570µA	570µA	590µA	Type A (Indo	or use) 590µ	Δ Ι	FO	DμA	
SOUND PRESSURE LEVEL	570µA	· ·	570µA	590µA		<u>_</u>	l .		лин	
(LAFmax) at Vmax @ 1m		n/a			9	2dB(A) ± 3dB(A) @	1m on Tone No	0.6		
IP RATING (EN 60529)					IP21C			_		
VAD CATEGORY (EN 54-23)			n/a			C-3-9.4	O-C-1.9-4	C-3-9.4	O-C-1.9-4	
VAD EFFICIENCY			n/a		10m²/mA		2m²/mA	2m²/mA 10m²/mA 2m²/mA		
VAD TEMPORAL PATTERN		n/a 0.5Hz synchronised								
CONSTRUCTION MATERIAL		ı	1		Polycarbo			_		
WEIGHT (minus base)	118g	118g 118g 119g 122g 122g 130g 131g								
OPERATING TEMP.	-10°C to +55°C with max. 95% RH (non-condensing)									
	-	/					- 1		1	
ORDER CODE (White Housing)	CP411		CP411T	CP411V	CP411TV	CP411		CP411VV	CP411VVR	
DESCRIPTION	CAST-PRO CO Multisensor Detector		CAST-PRO O Multisensor Detector c/w Tone Sounder	CAST-PRO CO Multisensor Detector c/w Voice Sounder	CAST-PRO CO Multisens Detector c/v Tone Sound	sor CO Multis v Detecto ler Tone So	sensor CC or c/w D ounder Vo	AST-PRO Multisensor etector c/w vice Sounder	CAST-PRO CO Multisensor Detector c/w Voice Sounder	
CERTIFIED STANDARDS	EN 54-5, EN 54-7, EN 54-13, EN 54-17, EN 54-29, EN 54-31				& White VAI	C & Red	VAD &	White VAD	& Red VAD	
	EN 54-29, E	N 54-17, N 54-31				EN 54-3,	VAD & EN 54-5, EN 54 EN 54-23, EN 54	-7, EN 54-13,	& Red VAD	
CPR NUMBER	EN 54-29, E 0063-CF	N 54-17, N 54-31 PR-		64-29, EN 54-31		EN 54-3, EN 54-17,	EN 54-5, EN 54	-7, EN 54-13, 1-29, EN 54-31	& Red VAD	
CPR NUMBER COMPATIBLE PANELS	EN 54-29, E	N 54-17, N 54-31 PR-	EN 54-17, EN 5	242190012		EN 54-3, EN 54-17,	EN 54-5, EN 54 EN 54-23, EN 54	-7, EN 54-13, 1-29, EN 54-31	& Red VAD	
	EN 54-29, E 0063-CF	N 54-17, N 54-31 PR-	EN 54-17, EN 5	24-29, EN 54-31 242190012 ZFP CAST 1-8 L0	OOP PANELS & X	EN 54-3, EN 54-17,	EN 54-5, EN 54 EN 54-23, EN 54 0063-CPR-21219 OP PANELS	-7, EN 54-13, 1-29, EN 54-31	& Red VAD	
COMPATIBLE PANELS	EN 54-29, E 0063-CF	N 54-17, N 54-31 PR-	EN 54-17, EN 5	242190012 ZFP CAST 1-8 LC CA408 CA	DOP PANELS & X	EN 54-3, EN 54-17, (FP CAST 1-2 LOC	EN 54-5, EN 54 EN 54-23, EN 54 0063-CPR-21219 OP PANELS	-7, EN 54-13, 1-29, EN 54-31	& Red VAD	
COMPATIBLE PANELS COMPATIBLE BASE	EN 54-29, E 0063-CF 2421900	N 54-17, N 54-31 PR- 020	EN 54-17, EN 5	242190012 ZFP CAST 1-8 LC CA408 CA	DOP PANELS & X AST detector base ED indicator strips	EN 54-3, EN 54-17, C FP CAST 1-2 LOC , ceiling mounting (EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31		
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE	EN 54-29, E 0063-CF 2421900	N 54-17, N 54-31 PR- 020	EN 54-17, EN 5	24-29, EN 54-31 242190012 ZFP CAST 1-8 L0 CA408 C, Two red L	DOP PANELS & X AST detector base ED indicator strips	EN 54-3, EN 54-17, (FP CAST 1-2 LOO , ceiling mounting of offering 360° visit	EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31		
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On	EN 54-29, E 0063-CF 2421900 105mm dian	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	EN 54-17, EN 5	24-29, EN 54-31 242190012 ZFP CAST 1-8 L0 CA408 C, Two red L	DOP PANELS & X AST detector base ED indicator strips	EN 54-3, EN 54-17, (C) FP CAST 1-2 LOO , ceiling mounting of offering 360° visitemm diameter, 51m	EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31	08 base)	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On	EN 54-29, E 0063-Cf 2421900 105mm dian 22 to 40' <1mA	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	DOP PANELS & X AST detector base ED indicator strips	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC , ceiling mounting of offering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA	EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc	EN 54-29, E 0063-CF 2421900 105mm dian 22 to 40'	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	EN 54-17, EN 5 0063-CPR- deep (65mm dee	242190012 ZFP CAST 1-8 LC CA408 C/ Two red L ap on a CA408 base	DOP PANELS & X AST detector base ED indicator strips (a) 105i	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC , ceiling mounting of soffering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW	EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31 00116 eep when on CA4	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE	EN 54-29, E 0063-Cf 2421900 105mm dian 22 to 40' <1mA	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	DOP PANELS & X AST detector base ED indicator strips a) 105i Type A (Indoo	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC , ceiling mounting of soffering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW r Use)	EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc	EN 54-29, E 0063-Cf 2421900 105mm dian 22 to 40' <1mA	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	DOP PANELS & X AST detector base ED indicator strips (a) 105i	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC , ceiling mounting of soffering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW r Use)	EN 54-5, EN 54 EN 54-23, EN 5- 0063-CPR-21219 PPANELS only	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE	EN 54-29, E 0063-Cf 2421900 105mm dian 22 to 40' <1mA	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	DOP PANELS & X AST detector base ED indicator strips (a) 1050 Type A (Indoo	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC , ceiling mounting of soffering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW r Use)	EN 54-5, EN 54 EN 54-23, EN 50 0063-CPR-21219 DP PANELS only billity m deep (68mm o	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc SOUND PRESSURE LEVEL	105mm dian 22 to 40 <1mA <28m/	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	DOP PANELS & X AST detector base ED indicator strips (a) 1050 Type A (Indoo	EN 54-3, EN 54-17, COMMENT OF COMMENT OF COM	EN 54-5, EN 54 EN 54-23, EN 50 0063-CPR-21219 DP PANELS only billity m deep (68mm o	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc SOUND PRESSURE LEVEL (LAFmax) at Vmax @ 1m	105mm dian 22 to 40 <1mA <28m/	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	DOP PANELS & X AST detector base ED indicator strips 105i Type A (Indoo 630µA	EN 54-3, EN 54-17, COMMENT OF COMMENT OF COM	EN 54-5, EN 54 EN 54-23, EN 50 0063-CPR-21219 OP PANELS only billity m deep (68mm of	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r	08 base) nA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc SOUND PRESSURE LEVEL (LAFmax) at Vmax @ 1m IP RATING (EN 60529)	105mm dian 22 to 40 <1mA <28m/	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	en 54-17, en 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA 140mW	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	Type A (Indoor 630µA 92dB(A) ± 3	EN 54-3, EN 54-17, (C) FP CAST 1-2 LOC c, ceiling mounting of offering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW r Use)	EN 54-5, EN 54 EN 54-23, EN 50 0063-CPR-21219 OP PANELS only billity m deep (68mm of	-7, EN 54-13, 1-29, EN 54-31 0016 eep when on CA4 24.9r 14.6r 410m	08 base) nA nA W	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc SOUND PRESSURE LEVEL (LAFmax) at Vmax @ 1m IP RATING (EN 60529) VAD CATEGORY (EN 54-23) VAD EFFICIENCY VAD TEMPORAL PATTERN	105mm dian 22 to 40 <1mA <28m/	N 54-17, N 54-31 PR- 020 neter, 48mm Vdc	EN 54-17, EN 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA 140mW	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA	Type A (Indoo 630µA 92dB(A) ± 3 IP21C C-3-9.4	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC of ceiling mounting of offering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW r Use) (Color of the color of	EN 54-5, EN 54 EN 54-23, EN 50 0063-CPR-21219 OP PANELS only billity m deep (68mm of	-7, EN 54-13, 1-29, EN 54-31 00016 (eep when on CA4 24.9r 14.6r 410m C-3-9.4	08 base) nA nA W O-C-1.9-4	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavy @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc SOUND PRESSURE LEVEL (LAFmax) at Vmax @ 1m IP RATING (EN 60529) VAD CATEGORY (EN 54-23) VAD EFFICIENCY VAD TEMPORAL PATTERN CONSTRUCTION MATERIAL	105mm dian 22 to 40' <1mA' <28m/	N 54-17, N 54-31 PR- 020 meter, 48mm Vdc A A	EN 54-17, EN 5 0063-CPR- deep (65mm dee 5.4mA 5.0mA 140mW	242190012 ZFP CAST 1-8 LC CA408 C/ Two red Lep on a CA408 base 17.1mA 9.1mA 255mW	Type A (Indoo 630µA 92dB(A) ± 3 IP21C C-3-9.4	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC , ceiling mounting of offering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW r Use) (CRE CAST 1-2 LOC (CRE CAST 1-2 LOC) (CRE CAST 1	EN 54-5, EN 54 EN 54-23, EN 50 0063-CPR-21219 DP PANELS only billity m deep (68mm of	-7, EN 54-13, 1-29, EN 54-31 00016 eep when on CA4 24.9r 14.6r 410m C-3-9.4 10m ² /mA	08 base) nA nA W O-C-1.9-4 2m²/mA	
COMPATIBLE PANELS COMPATIBLE BASE INDICATORS DIMENSIONS SUPPLY VOLTAGE ALARM CURRENT Imax @ Vmin @ Max Vol, VAD On ALARM CURRENT lavg @ Vmin @ Max Vol, VAD On POWER @ 28Vdc ENVIRONMENT TYPE QUIESCENT @ 40Vdc SOUND PRESSURE LEVEL (LAFmax) at Vmax @ 1m IP RATING (EN 60529) VAD CATEGORY (EN 54-23) VAD EFFICIENCY VAD TEMPORAL PATTERN	105mm dian 22 to 40 <1mA <28m/	N 54-17, N 54-31 PR- 020 meter, 48mm Vdc A A	Description of the second of t	i4-29, EN 54-31 242190012 ZFP CAST 1-8 LC CA408 Cr Two red L sp on a CA408 base 17.1mA 9.1mA 255mW	Type A (Indoor 630µA 92dB(A) ± 3 IP21C C-3-9.4 10m²/mA	EN 54-3, EN 54-17, (CFP CAST 1-2 LOC of ceiling mounting of offering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW of Use) (CSB CAST 1-2 LOC of ceiling mounting of offering 360° visit mm diameter, 51m 28 to 40Vdc 13.2mA 10.8mA 300mW of Use) (CSB CAST 1-2 LOC of ceiling mounting moun	EN 54-5, EN 54 EN 54-23, EN 54 EN 54-23, EN 50 0063-CPR-21219 OP PANELS only oility m deep (68mm of	-7, EN 54-13, 1-29, EN 54-31 00016 (eep when on CA4 24.9r 14.6r 410m C-3-9.4	08 base) nA w O-C-1.9-4 2m²/mA	

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