



## Haes Systems Device Compatibility Listing

### Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments
Apollo	45681-200	Detector Base Series 65 (non head removal function)	32		no						
Apollo	45681-201	Detector Base With Diode Series 65	32		yes						
Apollo	45681-245	Detector Base With Relay Series 65	32		no						
Apollo	45681-246	Auxiliary Relay Base Series 65	32		no						
Apollo	53832-070	MiniDisc Remote LED Indicator	--		x				no	yes	led indicator
Apollo	45681-206	Series 65 Sav-Wire Base	32		yes				yes		
Apollo	45681-512	Series 65 Sounder base (not for SAV wire systems)	32		no				no		4 wire systems only
Apollo	45681-513	Series 65 Sounder base with diode (not for SAV wire systems)	32		yes				no		
Apollo	55000-025	Base Mounted UV Flame Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-122	A1R Combined Heat Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-122HSL	Conventional A1R Heat Detector	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-127	BR Combined Heat Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-132	CR Combined Heat Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-137	CS Fixed Temperature Heat Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-217	Ionisation Smoke Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-220	Integrating Ionisation Smoke Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-317	Optical Smoke Detector Series 65	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-317HSL	Conventional Optical Smoke Detector	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-DB-00003-APO	Time Saver Detector Base With Diode Orbis	32		yes				no		
Apollo	ORB-HT-11001-APO	A1R Combined Heat Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-11002-APO	A2S Fixed Temperature Heat Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-11003-APO	BR Combined Heat Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-11004-APO	BS Fixed Temperature Heat Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-11005-APO	CR Combined Heat Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-11006-APO	CS Fixed Temperature Heat Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-11015-APO	BR Combined Heat Detector Orbis With Flashing LED	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-51145-APO	Intrinsically Safe Heat Detector A1R Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-51147-APO	Intrinsically Safe Heat Detector A2S Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-51149-APO	Intrinsically Safe Heat Detector BR Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-51151-APO	Intrinsically Safe Heat Detector BS Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-51153-APO	Intrinsically Safe Heat Detector CR Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-HT-51155-APO	Intrinsically Safe Heat Detector CS Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-SW-100005-APO	Orbis SAV Wire timesaver detector base	32		yes				yes		
Apollo	ORB-MB-00001-APO	Time Saver Detector Base Orbis	32		no				no		
Apollo	ORB-BA-50008-APO	Orbis Intrinsically safe adaptor to series 65 base	32		no				no		
Apollo	ORB-MB-50018-APO	Intrinsically Safe Time Saver Detector Base Orbis	32		no				no		
Apollo	ORB-OH-13001-APO	Multi Sensor Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-OH-53027-APO	Intrinsically Safe Multisensor Detector Orbis	32		no	yes	yes	yes	no	no	
Apollo	ORB-OP-12001-APO	Optical Smoke Detector Orbis	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-OP-52027-APO	Intrinsically Safe Optical Smoke Detector Orbis	32		no	yes	yes	yes	no	no	
Apollo	ORB-RB-10004-APO	Time Saver Detector Base With Relay Orbis	32		yes*						add schottky diode
Apollo	55000-200	Series 60 ionisation detector	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-210	Series 60 integrating ionization detector	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-100 thru 104	Series 60 range of heat detectors	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-300	Series 60 optical detector	32		yes	yes	yes	yes	yes	yes	
Apollo	55000-380	SERIES 60 OPTICAL/HEAT DETECTOR	32		yes	yes	yes	yes	yes	yes	
Apollo	ORB-OP-42001-MAR	Orbis Marine Optical smoke detector	32		no	yes	yes	yes	no	yes	
Apollo	ORB-OH-43001-MAR	Orbis Marine Multisensor smoke detector	32		no	yes	yes	yes	no	yes	
Apollo	ORB-HT-41001-MAR	Orbis Marine A1R Heat detector	32		no	yes	yes	yes	no	yes	
Apollo	ORB-HT-41002-MAR	Orbis Marine A2S Heat detector	32		no	yes	yes	yes	no	yes	

Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments
Apollo	ORB-HT-41003-MAR	Orbis Marine BR Heat detector	32	Compatible as standard	no	yes	yes	yes	no	yes	
Apollo	ORB-HT-41004-MAR	Orbis Marine BS Heat detector	32	Compatible as standard	no	yes	yes	yes	no	yes	
Apollo	ORB-HT-41005-MAR	Orbis Marine CR Heat detector	32	Compatible as standard	no	yes	yes	yes	no	yes	
Apollo	ORB-HT-41006-MAR	Orbis Marine CS Heat detector	32	Compatible as standard	no	yes	yes	yes	no	yes	
Apollo	ORB-MB-00001-MAR	Orbis Marine Timesaver Base	32	Modification to base required	no						No schottky diode
Apollo	ORB-RB-40004-MAR	Orbis Marine Relay Base	32	Modification to base required	no						No schottky diode
Apollo	55100-021MAR	Marine approved Manual Call Point, red, 470R		Compatible as standard							
Apollo	55200-001	Resettable call point 470/680R	-	Compatible as standard							
Apollo	55200-003	Waterproof resettable call point 470/680R	-	Compatible as standard							

Key	:- Empty box = not determined
Compatible as standard	:-Compatible as standard
Modification to base required	:-Modification to base required
Not Compatible	:- Not Compatible

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Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments
Hochiki	DCD-AE3	A1R Combined Heat Detector CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	DCD-AE3-WHT	A1R Combined Heat Detector CDX White	32		yes	yes	yes	yes	yes	yes	
Hochiki	DCD-CE3	CR Combined Heat Detector CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	DFG-60E	Waterproof Heat Detector	32		yes	yes	yes	yes	yes	yes	
Hochiki	DFJ-AE3	A1S Fixed Temperature Heat Detector CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	DFJ-CE3	CS Fixed Temperature Heat Detector CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	HF-24E	Ultra Violet Flame Detector c/w YBF-RL-4H5 Base	32		yes	yes	yes	yes	yes	yes	
Hochiki	SUJ-E	Ionization detector CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	DFJ-60/90E	60 or 90 heat detectors CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	DCD-1E/2E	Grade 1 or 2 heat detectors CDX	32		yes	yes	yes	yes	yes	yes	
Hochiki	SLR-E3N	Smoke Detector Optical CDX	20		yes	yes	yes	yes	yes	yes	
Hochiki	SLR-E3N-WHT	Smoke Detector Optical CDX White	20		yes	yes	yes	yes	yes	yes	
Hochiki	SPC-ET	Beam Detector Set Zone Powered 5 - 100M	3		yes				yes		
Hochiki	SRA-ET	Reflective Beam Detector Set Zone Powered 5 - 30M	3		yes				yes		
Hochiki	YBN-R-6	Detector Base CDX (non detector removal function)	-		no				no		
Hochiki	YBN-R-6SK	Detector Base With Diode CDX Range	-						no		
Hochiki	YBO-R-6RS	Detector Base With Latching Relay & Schottky Diode CDX	-						no		
Hochiki	YBO-R-6PA	Twin wire detector base	-						yes		

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	:- Not Compatible

Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments
Nittan	EVC-DP	Evolution Dual Optical Smoke Detector	32		yes	yes	yes	yes	yes	yes	
Nittan	EVC-H-A2	A2 Fixed Temperature Heat Detector	32		yes	yes	yes	yes	yes	yes	
Nittan	EVC-H-A2S	A2S Fixed Temperature Heat Detector	32		yes	yes	yes	yes	yes	yes	
Nittan	EVC-H-C	C Fixed Temperature Heat Detector	32		yes	yes	yes	yes	yes	yes	
Nittan	EVC-H-CS	CS Fixed Temperature Heat Detector	32		yes	yes	yes	yes	yes	yes	
Nittan	EVC-P	Evolution Optical Smoke Detector	32		yes	yes	yes	yes	yes	yes	
Nittan	NFD68-P	Ultra Violet Flame Detector	32		yes	yes	yes	yes	yes		
Nittan	STB-4SE-12VR	Nittan Detector Base With 12v Relay	-		no				no		
Nittan	STB-4SE-24VR	Nittan Detector Base With 24v Relay	-		no				no		
Nittan	ST-P-OM	Smoke Detector Optical Low Voltage	32		yes						
Nittan	STB-4SE-TW-SAV	Nittan sawwire base	20		yes				yes		
Nittan	UB-4SD	Nittan Detector Base With Diode	32		yes						
Nittan	ST-P	Optical smoke detector	32		yes						
Nittan	ST-I	ionisation smoke detector	32		yes						
Nittan	STB-4SD	Older nittan detector base variant	-		yes				no		

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Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments
Tyco Safety	601P	Optical Smoke Detector 516.600.001	32	Compatible as standard	yes	yes	yes	no	no	yes	use Base 5B-D
Tyco safety	601H-R	Conventional Heat (Rate of Rise) 526.600.003	32	Compatible as standard	yes	yes	yes	no	no	yes	use Base 5B-D
Tyco Safety	5B Base	Detector mounting base 517.050.017	32	Modification to base required	yes*						add shottky diode
Tyco Safety	5B-D Base	Detector diode Base 517.050.600	32	Compatible as standard	yes						
Tyco Safety	601H-R M	Conventional Heat (Rate of Rise ) Detector	32	Compatible as standard	yes	yes	yes	no	no	yes	use Base 5B-D
Tyco Safety	601H-F	Conventional Heat (Fixed 60) Detector	32	Compatible as standard	yes	yes	yes	no	no	yes	use Base 5B-D
Tyco Safety	601P-M	Conventional Optical Smoke Detector	32	Compatible as standard	yes	yes	yes	no	no	yes	use Base 5B-D
Tyco Safety	601PH-M	High Performance Optical Smoke Detector	32	Compatible as standard	yes	yes	yes	no	no	yes	use Base 5B-D

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Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments
CTEC	C4414	Activ multisensory fire detector	32		yes	yes	yes	yes	no	yes	
CTEC	C4416	Activ optical smoke detector	32		yes	yes	yes	yes	no	yes	
CTEC	C4403A1R	Activ A1R rate of rise heat detector	32		yes	yes	yes	yes	no	yes	
CTEC	C4403A2	Activ 60 deg fixed heat detector	32		yes	yes	yes	yes	no	yes	
CTEC	C4403B	Activ 75 deg fixed heat detector	32		yes	yes	yes	yes	no	yes	
CTEC	C4408D	Activ diode base	-								No Twin Wire Base
CTEC	C4408R	Activ relay base	-		no						

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Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments*
SD3	OC05	Optical Smoke Detector	32	Compatible as standard	yes	yes	yes	yes	no	yes	
SD3	TRC05	Heat Detector	32	Compatible as standard	yes	yes	yes	yes	no	yes	
SD3	AVS2000-R	Sounder	40	Compatible as standard	yes	yes	yes	yes	no	yes	
SD3	DMCL05	Call point		Compatible as standard							
SD3	SO5SE	Detector Base		Modification to base required	yes*						Add shcottky diode for head removal
SD3	DFLB30	Reflective Beam detector	15	Modification to base required	no				no		Turn off detector removal monitoring

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Not Compatible	:- Not Compatible

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Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments*
Alto/Menvier	AL9981	Ionisation Smoke Detector	20		yes*				n/a		remove zener from base & fit schottky
Alto/Menvier	AL9980	Optical Smoke detector	20		yes*				n/a		remove zener from base & fit schottky
Menvier	MPD720	Optical Smoke detector	20		yes*				n/a		remove zener from base & fit schottky
Menvier	MMT760	Heat Detector	20		yes*				n/a		remove zener from base & fit schottky
Menvier	MPD820	Optical Smoke detector	0						n/a		Incompatible
Menvier	MPD860	Heat Detector	0						n/a		Incompatible
Menvier	MID610+NBD 600 base	Ionisation Smoke Detector	20		n/a				n/a		Open circuit & Short as fire only
Menvier	MPD620+NBD600 base	Optical Smoke detector	20		n/a				n/a		Open circuit & Short as fire only

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Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments*
Gent	72231-25NM + Base D31	Ionisation Smoke Detector	20		yes*				n\ a		modify base with polarising diode
Gent	D241+72200 base	Optical Smoke Detector	20		yes				n\ a		
Gent	D231+ 72200 base	Ionisation Smoke Detector	20		yes				n\ a		
Gent	7440-31	Optical Smoke Detector	20		no				n\ a		Open circuit fault only no H/R
Gent	17840-01	Optical Smoke Detector	20		yes*				n\ a		Add shottky diode to base

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	- Not Compatible

**Conventional panel Ranges, Eclipse, XL-EN, XL32 & Esento Marine,**

Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments*
KAC	WR2072-470	Manual Call Point	-								
KAC	MCP3A-R000FG-H011-01	KAC Indoor Manual Call Point	-								
KAC	WCP3A-R000SG-H011-01	KAC Waterproof Call Point	-								
KAC	MCP3A-R000SG-K013-01IS	KAC Intrinsically Safe Call Point	-								
Apollo	55200-001	Resettable call point 470/680R	-								
Apollo	55200-003	Waterproof resettable call point 470/680R	-								
KAC	MCP1A-R470-xxx	Manual call point range	-								
STI	RP-RF-01	Resettable Manual Call point	-								
STI	RP-RS-01	Resettable Manual Call point	-								
Fulleon	CXL-U-R-BB	Universal manual Call point	-								
Fulleon	CXL/GP/R/BB/HE	CXL Universal Call Point	-								
MTL	MTL 5561	2 Channel intrinsically safe Isolating Barrier	1		no				no		
MTL	MTL 7787+	1 channel intrinsically safe Zener Barrier	1		no				no		

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Manufacturer	Part Number	Description	Max per Zone	Status	Head removal function	Dependency Mode A	Dependency Mode B	Dependency Mode C	Twin Wire	Remote LED	Comments*
BRK	2451E	Optical Smoke Detector	29		yes				no		
BRK	1451E	ionisation Smoke Detector	29		yes				no		
Detect-a-Fire	DF27121-0-225	Detect-A-Fire Vertical Heat Detector 225 Deg F	-						no		
Detect-a-Fire	DF27121-0-450	Detect-A-Fire Vertical Heat Detector 450 Deg F	-						no		
Firesafe	FDOPFS	Optical Smoke Detector	30		no				no		no head removal function
Tann Synchronome	4200	ionisation Smoke Detector	10		no				no		Short as fire , head removal turned off
Tann Synchronome	4501	Optical Smoke Detector	10		no				no		Short as fire , head removal turned off
Tann Synchronome	4100	Optical Smoke Detector	10		no				no		Short as fire , head removal turned off
Tann Synchronome	TS7505A	Heat Detector	20		yes*				no		polarising diode & shottky diode need to be added to base
Electro detectors	Alpha-J	ionisation Smoke Detector	30		yes*				no		polarising diode & shottky diode need to be added to base
Bosch	0 300 Magic Sens / 4	Optical Smoke Detector	30		yes*				no		Polarising diode needs to be added to base for head removal
ESP	PSD-1	Optical Smoke Detector	20		yes				no		
Spectrex Inc.	20 20ML/M/ MPI range	SharpEye – 20/20M – Mini Series Flame Detectors. (Note:- Powered via 24v DC separately from zone)	32						no		
Thorn Protec	MF301 + base M300c	ionisation Smoke Detector	30		yes*				no		polarising diode & shottky diode need to be added to base
Thorn	MR301	Optical Smoke Detector	25		no				no		shows Open circuit for head removal
Zettler	OPT2M	Optical Smoke Detector	20		yes*				no		add shottky diode to base
Hakuto	RBF-RL/4H5 detectorbase	Detector base for early Hochiki detectors	18		yes*				no		polarising diode & shottky diode need to be added to base
Cerberus	900 series detector base	Cerberus collective detector base	20		yes*				no		polarising diode & shottky diode need to be added to base
Apollo	series 20	Optical Smoke Detector	20		yes*				no		polarising diode & shottky diode need to be added to base
Apollo	series 30	ionisation Smoke Detector	30		yes*				no		polarising diode & shottky diode need to be added to base
Aurora	S1000 / 3500	Optical Smoke Detector	20		yes				no		
Detectomat	CT3000	Optical Smoke Detector	15		yes*				no		polarising diode & shottky diode need to be added to base
Bardic	ZF01 + 2020BSD base	Optical Smoke Detector	20						no		
Thorn/ADT	MF601	ionisation Smoke Detector	20						no		
Thorn/ADT	MR601T	Optical Smoke Detector	20						no		
Siemens	OH110	Multisensor	30		yes*				no		additional Polarising diode required
Siemens	OP110	Optical Smoke Detector	30		yes*				no		additional Polarising diode required
System Sensor	2020P	Optical Smoke Detector	30		yes				no		
System Sensor	2020PT	Optical / Heat Smoke Detector	30		yes				no		
System Sensor	2020F	Fixed temperature heat detector 58C	30		yes				no		
System Sensor	2020R	Rate of rise fixed temp 58C detector	30		yes				no		
System Sensor	2020HF	Fixed temperature heat detector 78C	30		yes				no		
System Sensor	2020BSD	detector base with schottky diode	30		yes				no		
Ziton Limited	Z630-1	Optical Smoke Detector	30		yes				no		
Ziton Limited	Z610-1	ionisation Smoke Detector	30		yes				no		
Ziton Limited	Z620-5-82	Heat Detector	30		yes				no		
Ziton Limited	Z6BS-5	Schottky diode detector base variant	30		yes				no		
ESSER by Honeywell	800171	Conventional range of smoke detectors ES line	0		no						No Fire Function, Not Compatible

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