

Cerberus PRO Modular – Detectors and peripherals, perfectly connected.



P2



Cerberus PRO Modular

P2

Cerberus™ PRO Advanced detectors with ASAtSMtechnology™

- Advanced multi-criteria fire detector utilizing optical, thermal, and optional CO sensor
- Extreme immunity to deceptive phenomena while providing enhanced detection with the industry's only No False Alarm Guarantee
- Provide redundant optical and thermal sensors for extraordinary reliability
- Comply with NFPA 76 (Telecommunication Standard) as a Very Early Warning Fire Detector (VEWFD) as a result of high-sensitivity alarm capabilities
- Include a multi-purpose carbon monoxide (CO) life safety and fire detector
- Selectable as a multi-criteria fire detector and/or a CO life safety gas detector
- Environmentally friendly "green" detectors, as they are RoHS-compliant and replace the need for ionization detectors due to forward/backward light scattering technology
- Provide multiple selectable temperature alarm thresholds, fixed and rate-of-rise
- Provides optional supervisory temperature & CO (PPM) threshold capabilities.



Multi-criteria fire detector
OOH941
Order no.:
S54320-F7-A2



Multi-criteria fire/CO detector
OOH941
Order no.:
S54320-F8-A2

Compatible with bases below



Detector base
DB-11
Order no.:
500-094151



Detector base
DB-11E
Order no.:
500-094151E



Detector relay base
DB2-HR
Order no.:
S54370-F12-A1



Audible base
ABHW-4B
Order no.:
S54320-F13-A1



Audible base
ABHW-4S, (520Hz)
Order no.:
S54320-F14-A1



Ceiling mount
remote lamp RL-HC
Order no.:
500-033230



Wall mount
remote lamp RL-HW
Order no.:
500-033310

Cerberus™ PRO standard detectors

- Solution for standard applications with average risk and moderate potential for deceptive phenomena
- Prevents false alarms thanks to intelligent algorithms
- Thermal detector provides 7 selectable alarm thresholds, fixed and rate-of-rise.
- Offer wide operating temperature & relative humidity (RH) range
- "Green" detectors, as they are RoHS-compliant, meeting the standards regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment



Multi-criteria fire detector
OH921
Order no.:
S54320-F6-A2



Thermal (heat) detector
HI921
Order no.:
S54320-F5-A2



Optical (photoelectric) smoke detector
OP921
Order no.:
S54320-F4-A2

Compatible with bases below

Remote indicators

- Are connected to automatic fire detectors that are not easily accessible or visible
- Contain an indicator lamp unit with one or two LEDs which will light up when the connected detector triggers an alarm



Class X Intelligent Lamp,
Ceiling Mount, Tri-Color
LED with Built-In Isolator
ILED-XC
Order no.:
S54370-B6-A1



Class X Intelligent Lamp,
Wall Mount, Tri-Color LED
with Built-In Isolator
ILED-XW
Order no.:
S54370-B5-A1

Air duct housings

- Backward compatible with H-series detector
- Same footprint as existing Siemens duct housings
- Include optional remote test feature and indicator
- New, improved features include easy installation, improved operating temperature range, and optional in-duct carbon monoxide (CO) detection
- TSM-X is self contained I/O modules, T-45 test switch and status indicator with built-in isolation.



Air duct housing
FDB2492
Order no.:
S54319-B22-A1



Air duct housing
with relays
FDB2492-HR
Order no.:
S54319-B23-A1



Optional water-tight
enclosure NEMA 4X
FDB2-WT
Order no.:
S54319-B26-A1



Remote test lamp
FDB2492-RTL
Order no.:
S54319-S27-A1



Class X Intelligent
Test Switch Wall Plate
& Isolator
TSM-1X
Order no.:
S54370-B7-A1



Weather-proof
enclosure
NEMA 3R WP-2000
Order no.:
500-649714

Manual pull stations and accessories

- Are for immediate manual actuation of a fire alarm or an extinguishing process
- Direct alarm actuation by pulling down locking lever
- For indoor and outdoor applications
- For surface- and recess-mounted feed lines in easily accessible places



Single action manual pull station
HMS-S
Order no.:
500-033200



Dual action manual pull station
HMS-D
Order no.:
500-033400



Single action metal manual pull station
HMS-M
Order no.:
500-033450

Line modules

- Intelligently connect independent, potential-free make-or-break contacts
- Can be independently configured via a fire control panel for status or alarm messages
- Input modules monitor devices responsible for alarm inputs and confirm signals or technical states etc.
- Class X series I/O have built in isolation (replaces the need for HLIM's)
- Output modules control other equipment, such as door holders, fire dampers, smoke control systems, plant shutdown etc.
- FDCIO422 provides 4 in / 4 out with Class A wiring and AC rated contacts



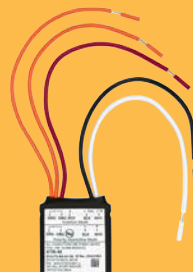
Class X Dual Input
Monitor Module with
Built-In Isolator
XTRI-D
Order no.:
S54370-B2-A1



Class X Single Input Monitor
Module with Relay
& Built-In Isolator
XTRI-R
Order no.:
S54370-B1-A1



Class X Single Input
Monitor Module with
Built-In Isolator
XTRI-S
Order no.:
S54370-B3-A1



Class X Mini Input
Monitor Module
with Built-In Isolator
XTRI-M
Order no.:
S54370-B4-A1



Control point
HCP
Order no.:
500-034860



Conventional
zone module
HZM
Order no.:
500-034850



Input/output module
FDCIO422
– 4 inputs, 4 outputs
– Class A and B wiring
Order no.:
S54322-F4-A1



Line isolator
HLIM
Order no.:
500-033170



Mini single
input interface
module HTRI-M
Order no.:
500-034000



Single input
interface module
with relay HTRI-R
Order no.:
500-033300



Dual input
interface module
HTRI-D
Order no.:
500-033360



Single input
interface module
HTRI-S
Order no.:
500-033370

Note: Contact Siemens Tech support for compatible panels.



Cerberus PRO Modular

Customizable to meet your network needs. Flexible for any application with Cerberus PRO detection.

usa.siemens.com/cerberus-pro-modular

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

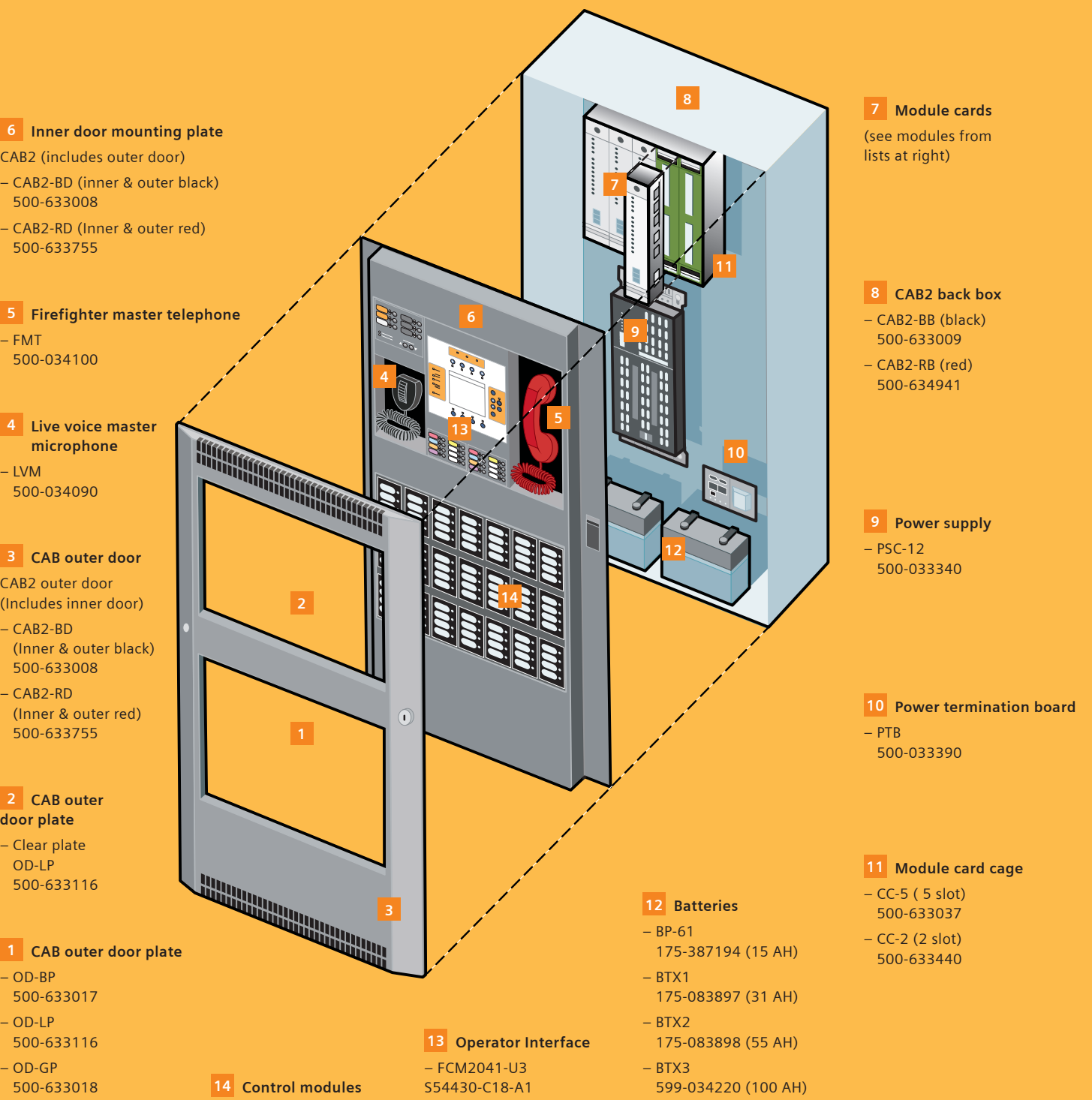
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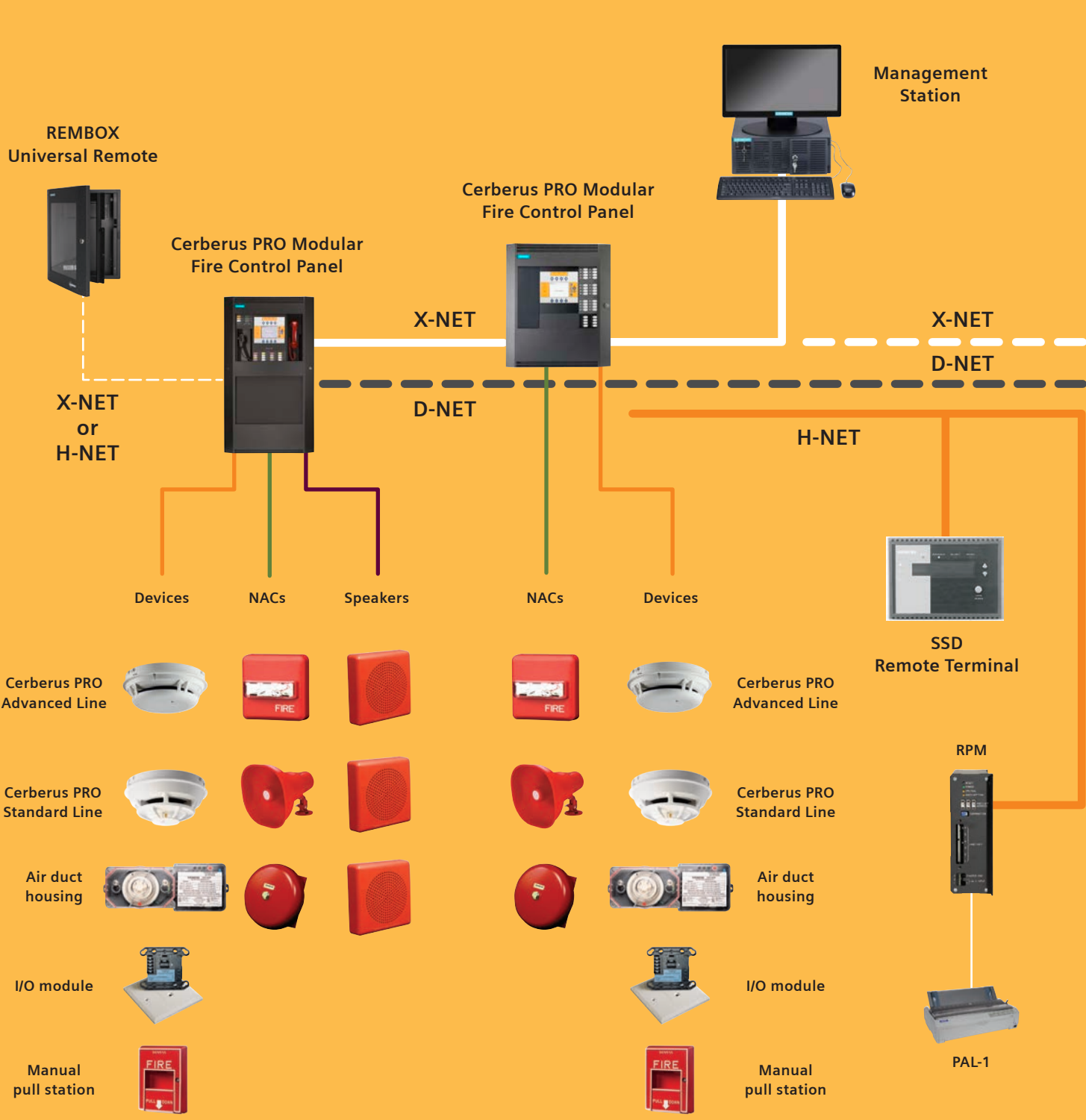
Cerberus® PRO Modular control panels – design and possibilities

Cerberus PRO Modular networkable modular control panels



Cerberus PRO Modular control panels for all your needs

Typical system configuration



Basic system equipment

FCM2041-U3 – New generation system Operator Interface Order no.: 554430-C18-A1	XDL-C – Intelligent Device Loop Card (2 loops/ 252 addresses total) Order no.: 554430-B8-A1	CC-5 – Card cage (5 slots) for all module cards Order no.: 500-633037
ZIC-4A – Zone indicating card providing 4 NAC zones coded or non-coded sync, or non-sync Strobe, municipal tie, lease line, releasing) 3A each max., Class A or B Order no.: 500-033050	PSC-12 – 12A@24VDC power supply & 100AH, battery charger, contains 4 relays Order no.: 500-033340	PTB – Power termination board Order no.: 500-033390

Fire system expansion equipment

Global Operator Interface – Control Panel User Interface with color touch screen display Order nos.: FCM2041-U2 GPMI-2-HW-KEY	CC-2 – Card cage (2 slots) for all cards/modules Order no.: 500-633440	CDC-4 – Conventional detector card providing 4 conventional zones Order no.: 500-034200
PSX-12 – 12A Power supply extender Order no.: 500-034120	ZIC-8B – Zone indicating card providing 8 NAC zones coded or non-coded, class B Order no.: 500-648670	CRC-6 – Controllable relay card providing 6 form C relays Order no.: 500-033250
International Overlays available in: Spanish 554430-C10-A1 Portuguese 554430-C11-A1 French 554430-C12-A1	ZIC-2C – 2 Channel adapter card for ZIC-8B Order no.: 500-648671	MLC – MXL addressable device line card for Cerberus PRO Modular, (2 loop / 60 devices per loop) Order no.: 554431-B4-A1

Networking options

NIC-C – Network interface card Order no.: 500-033240	HUB-4 (W/ MODEM) – HUB-4 baseboard with Modem Block attached (for NCC WAN connectivity) Order no.: 500-048820 (HUB-4) & 500-699355 (Modem)	RNI-CAB-BRKT – Bracket to mount RNI in CAB-1, CAB-2, CAB-3 Order no.: 500-650062
NRC – Network ring card (copper/fiber) Order no.: 554430-A2-A1	D2300CPS – Multi-mode fiber optic interface (X-NET) Order no.: 500-650018	FN2006-U1 – Fiber module single mode (2nd generation NRC) Order no.: 554400-A61-A1
	D2325CPS – Single mode fiber optic interface (X-NET) Order no.: 500-650019	FN2007-U1 – Fiber module multi-mode (2nd generation NRC) Order no.: 554400-A62-A1
		RNI – Remote network interface Order no.: 500-033420

System enclosures

CAB1 – Small (one row) enclosure (1) backbox, (1) inner door, (1) (OD-LP) - black Order no.: 500-633007	CAB3-BD – Large enclosure inner & outer doors - black (outer door shown) Order no.: 500-633010
CAB1R – Small (one row) enclosure (1) backbox, (1) inner door, (1) (OD-LP) - red Order no.: 500-633728	CAB3-RD – Large enclosure inner & outer doors - red (outer door shown) Order no.: 500-633757
CAB2-BB – Medium size (2 row) enclosure backbox - black Order no.: 500-633009	CAB3-XBD – Large enclosure transponder door - black Order no.: 599-633769
CAB2-RB – Medium size (2 row) enclosure backbox - red Order no.: 500-634941	CAB3-XRD – Large enclosure transponder door - red Order no.: 599-633793
CAB2-BD – Medium enclosure inner & outer doors - black Order no.: 500-633008	CAB3-BD-OD-LP – Includes: (1) CAB3-BD, (1) BCL AND (1) (OD-LP) - black (outer door shown) Order no.: 599-050600
CAB2-RD – Medium enclosure inner & outer doors - red Order no.: 500-633755	OD-LP – Clear lens for cab door Order no.: 500-633016
CAB2-XBD – Medium enclosure transponder door - black Order no.: 599-633768	OD-BP – Cab outer door blank plate - black Order no.: 500-633017
CAB2-XRD – Medium enclosure transponder door - red Order no.: 599-633792	OD-BP-R – Cab outer door blank plate - red Order no.: 500-634919
CAB2-BD-OD-LP – Includes: (1) CAB2-BD, (1) BCL AND (1) OD-LP (outer door shown) - black Order no.: 599-050599	OD-GP – Cab outer door grill plate - black Order no.: 500-633018
CAB3-BB – Large size (3 row) enclosure backbox - black Order no.: 500-633011	OD-GP-R – Cab outer door grill plate - red Order no.: 500-634920
CAB3-RB – Large size (3 row) enclosure backbox - red Order no.: 500-634942	ID-FP – Inner door full blank plate - black Order no.: 500-633029
	ID-SP – Inner door single blank plate Order no.: 500-633028

Remote enclosures

REMBOX2 – Small remote lobby black enclosure Order no.: 500-633772	REMBOX4 – Large remote lobby black enclosure Order no.: 500-633914
REMBOX2R – Small remote lobby red enclosure Order no.: 500-650612	REMBOX4R – Large remote lobby red enclosure Order no.: 500-650613
REMBOX2-MP – Optional mounting plate for SIM-16 or OCM-16 in REMBOX2 Order no.: 500-634211	REMBOX4-MP – Optional mounting plate for SIM-16 or OCM-16 in REMBOX4 Order no.: 500-634212

Rack mount options

XLS-RK19 – 19" Rack includes rack, door and all side panels Order no.: 500-634778	MPF-RK – Mounting plate front mounts PMI-2, LVM, FMT, FCM-6, LCM-6, SCM-8 Order no.: 500-634776
MPR-RK – Mounting plate rear mounts CC-5, CC-2, PSC-12, PSX-12, ZAM-180 Order no.: 500-634775	BP-RK – Blank plate Order no.: 500-634777
PTB-RK – Mounts up to 2 PTBs Order no.: 500-634774	

Voice system equipment

DAC-NET – Digital audio, voice network card Order no.: 500-035100	AIC – Audio input card use to input external audio signals into system Order no.: 500-035300
LPB – Local page board Order no.: 500-035200	LVM – Live voice master microphone Order no.: 500-034090
XDMC – Digital message card Order no.: 554430-B5-A1	DFM – D-NET fiber module Order no.: 500-634910
ZAC-40 – Zone AMP card-40 watts (25V,70V, OR 100V) Order no.: 500-035400	DFM-BRK – D-NET module mounting board Order no.: 500-633779
ZAM-180 – Zone AMP module -180 watts (25V, 70V OR 100V) Order no.: 500-035600	ALCC – Audio line conversion card Order no.: 500-650127

Control modules

OCM-16 – Output control module supporting 16 LED outputs Order no.: 500-033150	SCM-8 – Switch control module providing 8 user programmable switches Order no.: 500-033040
SIM-16 – Supervised input module providing 16 inputs from dry contacts Order no.: 500-034060	LCM-8 – LED control module providing 8 user programmable LEDs Order no.: 500-033100
FCM-6 – Fan control module providing 6 fan control zones Order no.: 500-033140	BCM – Blank control module plate Order no.: 500-033320
	CSB – CAN sounder board Order no.: 500-033130

Telephone system equipment

FMT – Firefighters' master telephone Order no.: 500-034100	FMT-A-ADPT – Class A telephone riser adapter Order no.: 500-050338
TZC-8B – Telephone zone card 8 zones class B Order no.: 500-034110	FTS – Firefighters' telephone station Order no.: 500-299448
FTS-P – Firefighters' telephone station push to talk Order no.: 500-299452	FTS-C – Firefighters' telephone station armored cable Order no.: 500-299450
FTS-CL – Firefighters' telephone station armored cable & LED Order no.: 500-299453	FTS-PLC – Firefighters' telephone station push to talk, LED & armored cable Order no.: 500-299451
PFT – Portable firefighters' telephone Order no.: 500-699427	PFT-P – Portable firefighters' telephone push to talk Order no.: 500-699430
FI-303 – Phone jack Order no.: 500-690975	FI-304 – Phone jack w/ screw terminal Order no.: 500-692670
FI-303SS – Phone jack w/ stainless plate Order no.: 500-698309	FI-304SS – Phone jack w/ term & SS plate Order no.: 500-698310
FB-300 – Flush-mount back box for telephone station Order no.: 500-680587	FB-301S – Surface-mount back box for telephone station Order no.: 500-624388

Remote displays

SSD – System-status display (w/o control) Order no.: 500-034170
SSD-C – System-status display (w/ control) Order no.: 500-648733
SSD-C-REM – System-status display (w/ control mounted on panel inner door or REMBOX) Order no.: 500-634773

Printer options

RPM – Remote printer module Order no.: 500-033270
PAL-1 – UL listed parallel printer Order no.: 500-692407

Management stations

SNC – Serial Network Card interface between management station and Modular Order no.: 554400-N1-A1	MOSA – Monitoring only interface between management station and Modular Order no.: 554465-C62-A1
Scalance X204-2 – Ethernet Multimode Fiber Switch Order no.: 500-650537	Scalance X204-2LD – Ethernet Single mode Fiber Switch Order no.: 554339-A6-A1

Dialer options

FCA2015-U1 Dialer Module – Dialer Module Order no.: 554400-A63-A1	DCSC900V2 (IP dialer) – Dialer capture ethernet module Order no.: 554430-C13-A2
MDACT – Serial digital alarm communicator Order no.: 500-699254	AE2 – Red enclosure for DCSC900V2 Order no.: 554430-C13-A1
XDACT Assembly – X Series Mounting Assembly Order no.: 554430-A5-A1	DCT-1E – 5 Channel dialer with enclosure Order no.: 500-699290
XMI – XLS to MXL interface board Order no.: 500-034870	DCT-P – Programmer for DCT-1E and MDACT Order no.: 500-699291

Others & Vesda HLI

HTSW-1 – Door tamper switch Order no.: 500-033350	PC (VNT) and MP (VNT) – Virtual Network Tunnel PC Order nos.: VNT- PC: 500-650490 VNT- MP: 500-650489
VPM – VESDA peripheral module Order no.: 554330-F93-A2	VESDA-HLI-KIT – VESDA HLI kit Order no.: 554430-F99-A2
SNU ASSY – assembly OR SNU-Kit – SNU sales kit – Single Node Upload Order no.: 554339-A15-A1	IIC – Interface isolation card Order no.: 500-850328
PAD 5 – Addressable NAC expander Order no.: 554339-A17-A1	DLC – Intelligent device loop card (2 loops/252 addresses total) Order no.: 500-033090
PAD-5-CLSA – PAD-5 address NAC expansion card- NAC and Releasing Order no.: 554339-A6-A1	
PAD-5-CDC – PAD-5 address NAC expansion card- Conventional Detectors Card Order no.: 554339-A7-A1	