19" Subrack and Detector Enclosures

To complement the VESDA range of detectors, displays and programmers a range of glass fronted enclosures are available.

19" subrack enclosures

The 19 inch rack enclosures are designed to house up to 20 display and programmer modules in a wide variety of configurations to suit the particular requirements of a site where centralised control and monitoring of the VESDA system is required.

Two versions are available: 2 rack (up to 8 Modules) and 5 rack (up to 20 Modules). The 19" Subracks (ordered separately as VSR-xxxx) are mounted on a swing frame for convenient connection of all the cables.

Cable entry for 24VDC power, VESDAnet connection and interfacing to the relays is provided by a removable gland plate which is drilled as required on site. 19" Subracks and 3U blank panels must be ordered separately.

Detector (or single remote display) enclosure

A detector enclosure is also available which incorporates a small glass window to view an on-board display. This detector enclosure enables a single detector (or remote module) to be installed in challenging environments where a high IP rating is required.

The enclosure can accommodate a single VESDA VLP, VESDA VLS, VESDA VLC or VESDA VLF detector or a single remote module such as a VRT-200. It is supplied with all appropriate cable and pipe entries pre-drilled for each device – and enough plugs to blank off those holes not used. A kit of pipe fittings and instructions is supplied to ensure that the IP rating of the enclosure is maintained but cable glands are NOT supplied as they depend on the cable to be used.

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VESDA Enclosures

19" Subrack and Detector Enclosure Specifications

Enclosure	Part No.	Height		Width		Depth		IP Rating
		mm	inches	mm	inches	mm	inches	
Detector	020-050	300	11.81	405	15.94	140	5.51	IP66
2 row 19" rack	020-052	400	15.75	600	23.62	220	8.66	IP44
5 row 19" rack	020-055	800	31.50	600	23.62	220	8.66	IP44

Basic Construction: Fully welded 1.5mm steel enclosure
Finish and Colour: Powder coated in RAL 7035
Locks: Black lockable wing locks
Mounting and Fixings: Wall mounting brackets supplied

Additional Information for ordering 19"subracks (VSR-xxxx)

Eash 19" subrack supports up to 4 remote modules. Each position in a 19" Subrack is defined as follows:

0 = Blank panel

1 = Programmer module

2 = VLP display module (with 7 relays)

3 = VESDAnet socket

4 = VLS display module (with 7 relays)

5 = Relay processor module (with 7 relays)

6 = VLP display module (no relays)

7 = VLS display module (no relays)

8 = Scanner dispaly module (with 12 relays)

9 = Relay processor module (with 12 relays)

A = Programmer module (no termination card)

B = VLP display module (no termination card)

C = VLS display module (no termination card)

J = VLC display module (with 7 relays)

K = VLC display module (no relays)

Q = VLI display module (with 7 relays)

T = VLI display module (no relays)

V = VLF display (with 7 relays)

W = VLF display (no relays)

Common Subrack Examples: VSR-2222 VSR-4444 VSR-1222 'R-1888

Other Subrack Examples: VSR 5599 VSR-6B6B VSR-A222 VSR-7C7A

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