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Veronex Enclosures

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VERONEX is a breakthrough in plastic enclosure design, combining the versatility and functionality demanded by engineers, with the modern styling appreciated by their customers.

The VERONEX range, available in 5 different plan sizes and 9 heights, is manufactured in UL94-V0 flame retardant ABS. The enclosures boast an attractive, lightly textured non-scratch finish which has been achieved using a unique chemical etch process. A selection of quality accessories ideally suits VERONEX enclosures to a wide variety of OEM and consumer electronics, electrical and Telecommunications applications.

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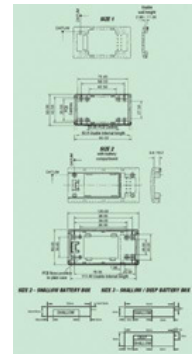
Veronex Hand Held Cases:

The VERONEX hand held range have been designed for a variety of portable applications including data acquisition, field test and measurement. The size 1 units, are supplied with the belt clip fitted as standard, but do not have a LCD cut out or recessed area for membranes. Unique to the two larger units are the top covers which feature a recessed membrane keypad area designed to accept a 74mm x 40mm (size 2) or 96mm x 60mm (size 3) membranes and an LCD cutout to accept meters and displays – see page 11 for details. The size 2 units will accept a 40mm x 20mm LCD (viewing area 31 x 14mm) and size 3 will accept a 60 x 30mm LCD (viewing area 47 x 18mm).



Hand Held Case - Kit Contents:

Description	Qty	Material / Finish
Base Moulding	1	Black ABS UL94 V0
Top Moulding	1	Black ABS UL94 V0
Moulded End Panels	2	Black ABS UL94 V0
Fixing Screws	4	
Self Tapping Screws	4	
LCD Lens Cover where applicable	1	Clear Polycarbonate



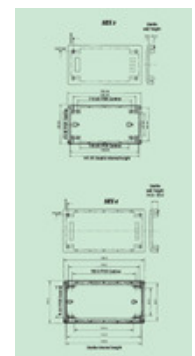
Veronex Hand Held Case Part Number Selection Chart:

To download a drawing of the case for engineering purposes please use the icons shown against each part number. Multiple drawings may be required.

Assemblies Without Battery Compartment:

Size	H	W	D	Order Code	Colour	DWG 1	DWG 2	DWG 3	DWG 4
1	90	50	16	75-228111	RAL7035				
1	90	50	24	75-228112	RAL7035				
2	120	60	30	75-228113	RAL7035				
3	150	80	30	75-228114	RAL7035				
3	150	80	45	75-228115	RAL7035				

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Veronex Instrument Case:

The instrument case range consists of two cover mouldings and two end panels - one plastic and one aluminium. Battery compartments with sliding covers are supplied as standard in 9 different unit sizes. Battery holders, used in conjunction with the battery compartment are designed to accept a variety of battery sizes. The two smaller plan sizes (2 and 3) can be fitted with an optional belt clip accessory, and the larger units are supplied with 4 self adhesive non slip feet for table top instrumentation applications. Knock-out keyslots are stamped in the mouldings for wall mounted instrumentation applications.



Veronex Inst Case Kit Contents:

Description	Qty	Material / Finish
Base Moulding	1	ABS UL94Vo in RAL7035
Top Moulding	1	ABS UL94Vo in RAL7035
Moulded End Panels	2	ABS UL94Vo in RAL7035
Aluminium End Panel	2	1.6mm Anodised Aluminium
Fixing Screws	4	
Self Tapping Screws	4	
LCD Lens (Sizes 2 & 3 only)	1	Clear Polycarbonate

Veronex Instrument Case WITHOUT Battery Compartment - Order Code Selection Chart

Size	H	W	D	Order Code	Colour
2	120	60	30	75-228099	RAL7035
2	120	60	40	75-228100	RAL7035
2	120	60	50	75-228101	RAL7035
3	120	60	30	75-228102	RAL7035
3	120	60	40	75-228103	RAL7035
3	120	60	50	75-228104	RAL7035
4	190	100	40	75-228105	RAL7035
4	190	100	60	75-228106	RAL7035
4	190	100	80	75-228107	RAL7035
5	185	135	40	75-228108	RAL7035
5	185	135	60	75-228109	RAL7035
5	185	135	80	75-228110	RAL7035

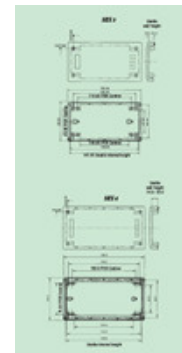
Veronex Instrument Case WITH Battery Compartment - Order Code Selection Chart:

Size	H	W	D	Order Code	Colour
2	120	60	30	75-227915*	RAL7035
2	120	60	40	75-227916**	RAL7035
3	120	60	30	75-227917*	RAL7035
3	120	60	45	75-227918**	RAL7035
4	190	100	40	75-227920*	RAL7035
4	190	100	60	75-227921**	RAL7035
5	185	135	40	75-227922*	RAL7035
5	185	135	65	75-227923**	RAL7035

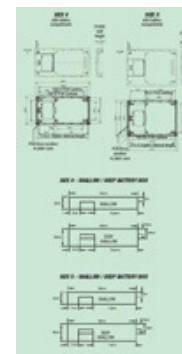
NOTE:

* Case will accept shallow battery box

** Case will accept either shallow or deep battery box



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Veronex Case with Membrane Top

Vero Technologies has introduced a new size of its popular and stylish Veronex hand-held case family, sized to accept today's industry Character and Dot Matrix standard display modules. The maximum viewable width of the display is 70mm with an 82.5mm PCB, enabling the great majority of units from the leading manufacturers to be housed. The new hand-held unit measures 150 x 90 x 30 mm the top cover is furnished with a recessed area to accept a 70 x 137 mm membrane keypad.

Two plastic end panels, held in place without fixings when the unit is assembled, provide I/O facilities at each end of the enclosure. The internal fixing pillars are placed as wide as possible to give maximum width end panels so accommodate a large number of i/o connectors.

Features

- Handles large dot matrix and character display such as a 24 x 2 Easy i/o at both ends of enclosure
- Wide internal end openings to allow max width for connector i/o
- Orientation marks internally for easy assembly
- MC and colour options
- Custom machining and silk screen printing to your requirements, in house

Veronex Membrane Case Kit Contents:

Description	Qty	Material / Finish
Base Moulding	1	ABS UL 94 V0 in RAL7035
Top Moulding	1	ABS UL 94 V0 in RAL7035
Moulded End Panels	2	ABS UL 94 V0 in RAL7037
Case Fixing Screws	4	
Self Tapping Screws	4	

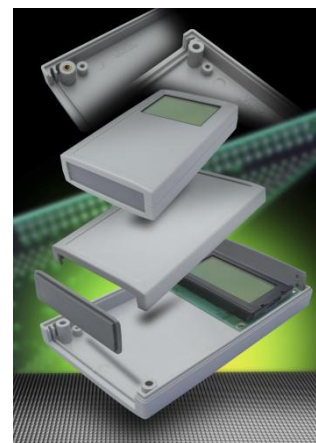
Veronex Membrane Case - Part Number Selection Chart:

Size	H	W	D	Order Code	Material / Finish
3	150	90	30	75-228118	ABS 94V0 in RAL7035

Other services

The additional options that can be provided are

- EMC screening
- Custom colours to your RAL specified colour.



- Machining of the end panels and the box to allow for i/o connectors etc.
- Silk screen printing

Veronex IP - 64 Cases.

The VERONEX IP64 range is available in 4 plan sizes and 9 different heights. The enclosure is a simple two part construction with plastic end panels which are readily push fitted between two ribs in the case moulding. This, together with the tongue-and-groove joint which connects the two covers, achieves the IP64 seal against the ingress of dust and water.

IP rating stands quite literally for 'Ingress Protection'

An IP (Ingress Protection) number is used to specify the environmental protection of enclosures around electronic equipment. These ratings are determined by specific tests. The IP (Ingress Protection) number is composed of two numbers, the first referring to the protection against solid objects and the second against liquids. The higher the number the better the protection.

First Digit – solid matter

0 = No protection

1 = Protected against solid objects up to 50mm²

2 = Protected against solid objects up to 12mm²

3 = Protected against solid objects up to 2.5mm²

4 = Protected against solid objects up to 1mm²

5 = Protected against dust – limited ingress permitted – no harmful deposit allowed.

6 = Totally protected – no ingress allowed

Second Digit – Water

0 = No protection

1 = Protection against vertically falling drops of water (example, condensation)

2 = Protection against direct sprays of water up to 15 degrees from vertical.

3 = Protection against direct sprays of water up to 60 degrees from vertical.

4 = Protection against water sprayed from all directions - limited ingress permitted.

5 = Protected against low pressure jets of water from all directions - limited ingress permitted.

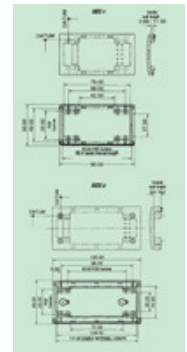
6 = Totally protected – fully immersed to a depth greater than 2 meters.

Veronex IP rated Case kit contents:

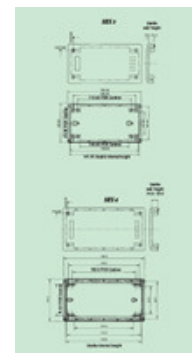
Description	Qty	Material / Finish
Base Moulding	1	ABS UL94Vo in RAL7035
Top Moulding	1	ABS UL94Vo in RAL7035
Moulded End Panels	2	ABS UL94Vo in RAL7035
Aluminium End Panel	2	1.6mm Anodised Aluminium
Fixing Screws	4	
Self Tapping Screws	4	
Self Adhesive Feet (Sizes 3 & 4 only)	4	

Veronex IP 64 Case - Order Code Selection Chart:

Size	H	W	D	Order Code	Colour
1	90	50	16	75-227894	RAL7035
1	90	50	24	75-227895	RAL7035
1	90	50	32	75-227896	RAL7035
1	90	50	16	75-237424	Black
1	90	50	24	75-237425	Black
2	120	60	30	75-227897	RAL7035
2	120	60	40	75-227898	RAL7035
2	120	60	50	75-227899	RAL7035
2	120	60	30	75-227426	Black
2	120	60	40	75-227898	Black
3	150	80	30	75-227900	RAL7035
3	150	80	45	75-227901	RAL7035
3	150	80	60	75-227902	RAL7035
3	150	80	30	75-237429	Black
3	150	80	45	75-237430	Black
4	190	100	40	75-227903	RAL7035
4	190	100	60	75-227904	RAL7035



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4

190

100

80

[75-227905](#)

RAL7035

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