ZENER 8000

Instruction Sheet

ZENER
VARIDRIVE SOLUTIONS

Part Number:	**See specification below**
Description:	Option – Remote Console
Document No.:	IM00146
Compatibility:	ZENER 8000
	ECODRIVE 8000
Installation:	Fit by ZENER or Customer
	CHA IP30 to be fitted by ZENER.

Summary:
This option allows remote control and menu access to the ZENER 8000 or ECODRIVE. The local console is removed to allow for remote console operation only.

Kit includes:
1x Remote Console
1x Sender PCB + link cable to gland plate
1x Gland Plate Chassis Mount Socket
1x Dust Cover
1x Label 'Remote Console fitted'

A connection Board must be installed in the ZENER 8000 and the interface cable connected to an RJ45 socket to be mounted on the gland plate.

A standard CAT-5 cable can be used to connect to the remote console (see ZENER part numbers below)

Optional:

AQ08212:	1x RJ45 IP66 field connector housing
TQ60050	Cat 5 cable, 1m
TQ60051	Cat 5 cable 2m
TQ60052	Cat 5 cable 3m
TQ60053	Cat 5 cable 5m
TQ60054	Cat 5 cable 10m

Specification:

Type:	Remote console c/w CAT5/RJ45 IP66 interface kit

Part Numbers:

AQ08217	Remote Console/Interface kit CHA/B
AQ08218	Remote Console/Interface kit CHC
AQ08219	Remote Console/Interface kit CHD
(AF prefix for fitted)	

Connection (interface) PCB:

Board No.:	B132512
	Pin connector type with extension cable to gland plate

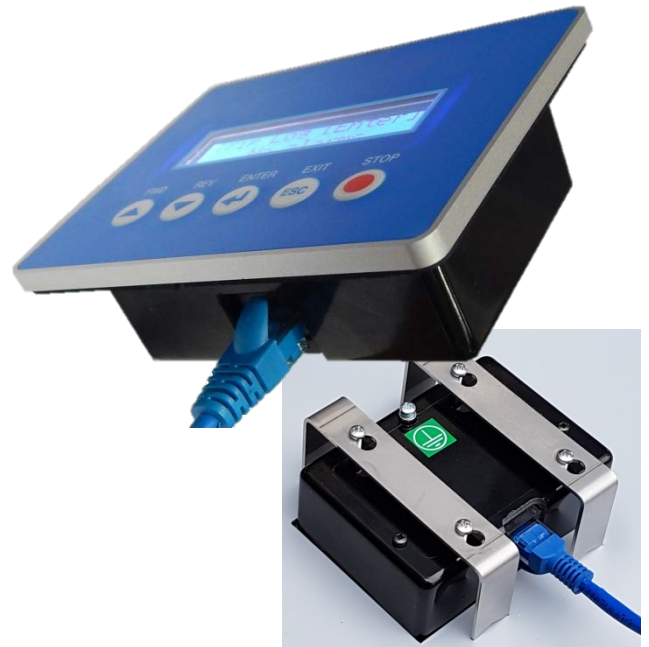|	
Display Colour:	Blue
VSD interface:	IP66 RJ45 socket located on Gland Plate
	Kit includes an IP66 RJ45 housing
Cable:	Standard CAT 5 (Not included in kit)
IP rating:	IP66 with field plug housing (AQ08212)
	Or IP66 with dustcover fitted (no plug)
Cable length:	Maximum 30m
Connectivity:	Drive Gland Plate: RJ45
	Remote Console: RJ45
Compatibility:	ZENER 8000 & ECODRIVE only

Installation:

Requires a sender/interface board to be fitted to the control board and a gland plate connector fitted.

Best fitted by suitably qualified trained person personnel.

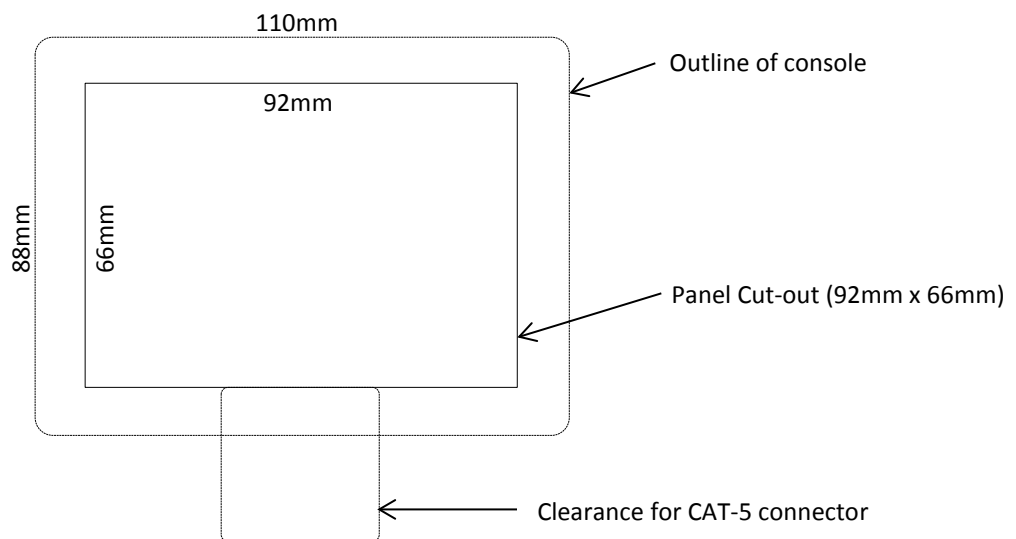Recommend fit by Zener or Distributor

Installation:

1. **Installation of Connection Board & RJ45 Socket**
   i.   Ensure power is isolated and the drive is completely discharged.
   ii.   Access the control board by removing the display cover and remove the local display module.
   iii. Fit the connection Board and secure in position.
   iv.   Replace the display/pushbutton label on the drive with the label provided.
   v.   Refit the display cover into position.
   vi.   Remove the gland plate and drill a hole for the RJ45 Socket.
   vii. Install the RJ45 socket and re-install the gland plate. Plug the connection cable into the rear of the RJ45 socket on the gland plate.

2. **Panel Cut-out:**
   i.   Ensure space is allowed for the console and the CAT-5 connection as shown.
   ii.   Cut out the panel as shown in the drawing.

110mm

92mm

88mm

66mm

Outline of console

Panel Cut-out (92mm x 66mm)

Clearance for CAT-5 connector

3. **Installation of Remote Console**

i)   The console is secured in position by the rear clamps. Do not over tighten.
ii) An Earth termination is available if the user would like to earth all exposed metal components including the front panel. The console only uses extra low voltage so earthing is not required.
iii) With power removed from the ZENER 8000, connect the CAT-5 cable to the console & the ZENER Drive.