DCS TUI (LNI) – Full Specification



DCS TUI

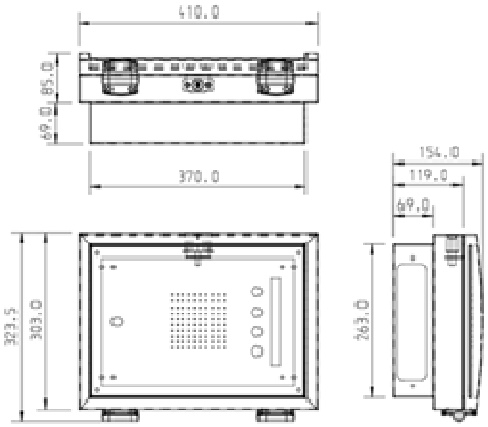
System Details

Comms Loops:	1 Network Loop
Sub loop attached to Network Loop	20 Loops.
Nodes (all types) on Loops:	125 max.
Total Nodes	2000.
Fire alarms (zones):	255 max.
Reaction time:	<1s typ. <8s guaranteed
Override open commands:	255 max.
Override closed commands:	255 max.

Damper types:	1 normally driven open, close on fire 2 normally driven closed, open on fire 3 normally closed, drive open on fire 4 normally open, drive closed on fire
Status display options:	Green equals open, red equals closed or Green equals normal, red equals fire
Display options:	By loop, By zone. (CAD based graphics available at extra cost.)
Damper zoning:	Each damper may be in all zones OR up to 14 separate zones OR all zones except up to 14 zones.
Watchdogs:	LCD to system: comms lost. DINs: FAI comms lost
Testing:	By loop, by zone,(individual optional).
Logging: (Optional)	16k character log for alarms, faults, test results including time/date stamp.
Security:	Touchscreen enable key.

PANEL

Physical



Dimensions:	300x400x170 WHD
Weight:	9.5kg
IP rating:	44
Materials:	Powder coated mild steel casing
Climatic:	0 to 50º C ambient 80% RH non-condensing
Colours:	Black and grey (RAL 7000)
Touchscreen:	10.2 inch diagonal 800x600 pixels, 256k colours

Electrical

Supply Voltage:	90-260V ac 47-63Hz
Power consumption:	45W
PSU approvals:	EN 60950-1 EN54-4 compliant
Battery backup:	2.3Ah internal battery. Hold up time 2 hrs.
Fusing:	Internal 1A
Inputs: NB Enable key uses one input.	12V DC 50mA to external volt free contacts – 8 off
Outputs: NB Sounder option uses one output if fitted one output dedicated to common fault	SPNO contacts – 8 off Resistive load: 230V ac @ 5A 30V dc @ 5A Inductive load: 230V ac @ 2A 30V dc @ 2A

Please see Loop Network Integrator (LNI) for information regarding extra loops.