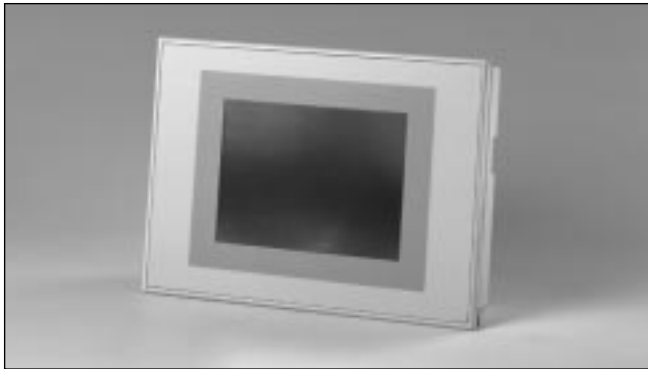


Dupline® Touch Screen Type GTS 565



- Programmable Touch Screen Display.
- Graphic, LCD 16-colour standard STN.
- Resolution: 320 x 240 (5.7").
- Customisable Touch buttons.
- Displaying of ISA alarm messages.
- Displaying of alarm history buffer.
- Dynamic texts and bitmaps.
- Digital and Analog (Analink, 8-bit) inputs.
- Activating of Dupline® outputs by means of touch buttons.
- Real-time clock with backup battery.
- Recording of bitmap files.
- Windows-based configuration software.
- 24 VDC power supply.
- IP65 front.
- Interface with Dupline® GTI50 interface.

Product Description

The GTS565 is a programmable Touch Screen display specially for integration in building automation applications like status and alarm-monitoring/history. Readout of analog signals, AnaLink and digital signals. It is possible to create ISA alarm mes-

sages and dynamic text/bitmaps lists for the digital inputs. Bitmap files can be imported during the configuration phase. Projects are developed with configuration software GTDWIN for Windows 95/98.

Ordering Key

GTS 565

Type: Dupline® _____
Touch Screen _____
Type _____

Type Selection

Supply	Ordering no.
24 VDC	GTS 565

Supply Specifications

Power supply	24 VDC (18-32 VDC)
Power consumption (24 VDC)	5 [W]
Protection fuse	5 x 20 mm - 800 mA Quick Blow F

Display Specifications

Display	
Type	Graphic, LCD colour STN.
Touch Screen Matrix	16x15 pixels
LED Backlight	CCFL
Lamp life	15000 h
Resolution	320x240 (5.7")
Dimensions view area	115.6 x 87 mm
Character matrix in text mode	8x15 / 16x30 / 32x60 pixel
Size of characters	2.8 x 5.2 mm
Font set	Programmable fonts
Display contrast adjustment	Software

Features	
No. of operative pages	1024
Variable format	Decimal, Hexadecimal, Binary, BCD
Alarm event lists	256
ISA alarms	1024
Dynamic texts	Value depending on dimension of project
Info/Help pages	1024/1024
No. of projects	1
Variables per page	64
Configuration software	GTDWIN

General Specifications

Degree of protection	IP65 (front)
Operating temperature	0° to +50°C (+32° to +122°F)
Storage/Transportation temp.	-20° to +50°C (-4° to +122°F)
Humidity (non-condensing)	≤ 90%
Weight	1.3 kg
Ext. dimensions (W x H x D)	210 x 158 x 60 mm
Cut-out size (W x H)	198 x 148 mm

Mode of Operation

Configuration.

The GTS565 Touch screen display has to be configured by a PC loaded with the configuration software GTDWIN.

A project is defined as a set of screens/pages having the same dimensions as the display of the GTS565. All pages can be freely configured by the user, so as to contain images/symbols, texts, alarms and/or the settings of process variables. The various pages configured in this way can be freely interconnected to create the best way for the user to navigate between them. Finally, every project can enable the user to create appropriate diagnostic comments in order to signal the occurrence

of anomalous events in the process.

Alarms

Alarms are texts displayed when the device registers an event and communicates it to the GTS565 using the alarm input area. The GTS565 prepares a display context appropriate for alarms. The alarm function is in accordance with ISA-1A norms that require the operator to acknowledge the alarm before deactivating it. When displaying alarms, the GTS565, besides displaying the descriptive message, gives the date and time for the received event and the acknowledged event.

The Alarms have a history file containing the events that have occurred, the date and time of reception and acknowledgement.

Dynamic text/bitmaps.

A Dynamic Text/Bitmap Field is defined as the representation of binary data in a text/bitmap format.

The Dynamic Field is a field that relates to a Dupline® input. Text or Bitmap is displayed by interpreting the value of the Dupline® input or the state of one or more of its bits (bit-group) corresponding to a text/bitmap list. If the Dupline® input corresponding to the list does not identify a valid text/bitmap, a

series of [!] characters appears on the display.

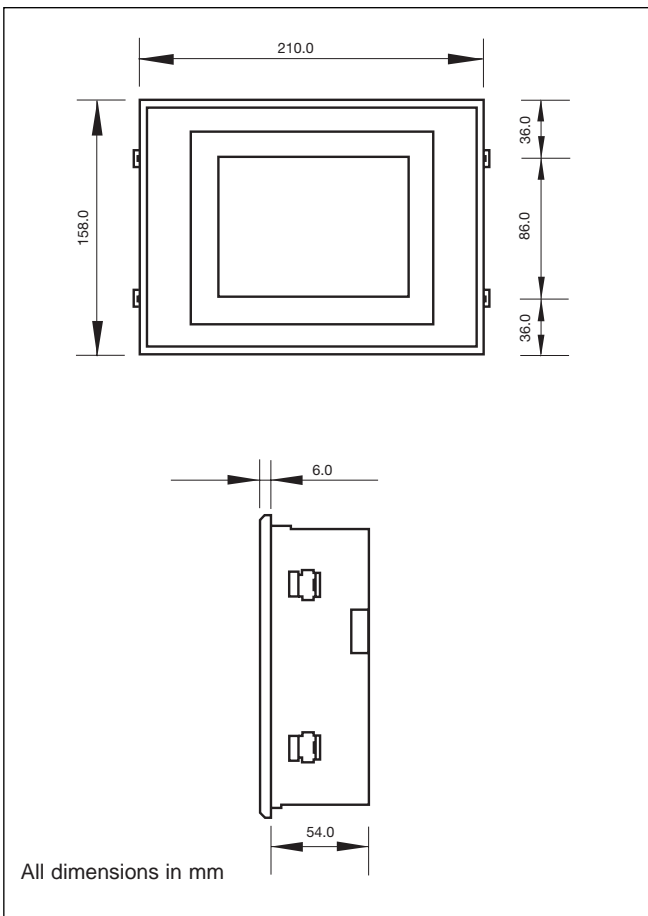
The Dynamic Text/Bitmap Field can be linked to a list in two different ways: assigned to a single bit of a given Dupline® input or assigned to a group of bits of a given group of Dupline® inputs.

The value (in binary or BCD) of the variable assigned to the text list is used to determine which text to display. The value 0 is inadmissible.

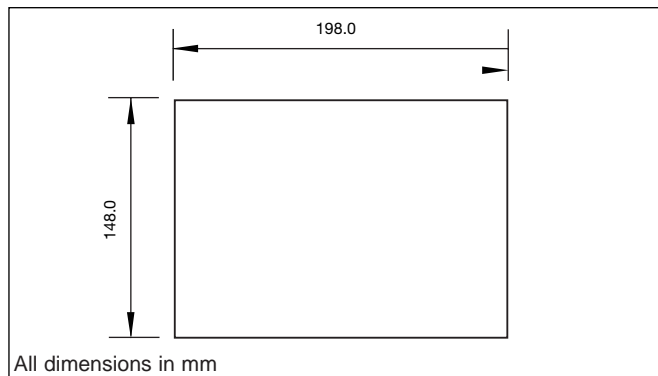
Displaying Analink Values.

The display value of the analink input is freely scaleable within any range, and the position of the decimal points is selectable.

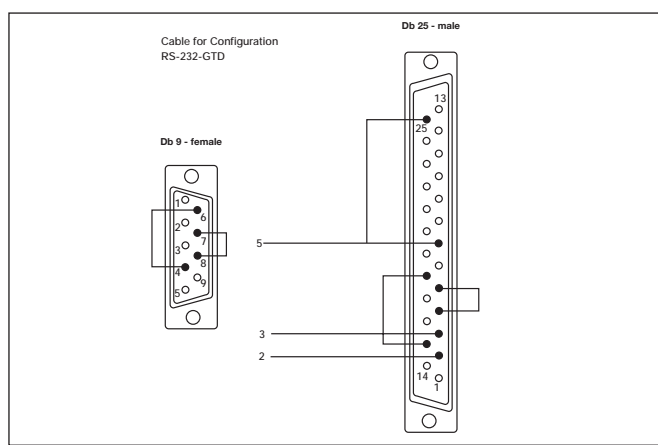
Dimensions



Panel Cut-out



Pin Assignment



Additional Information

Scope of supply:

- 1 x Touch screen
- 1 x Dupline® interface

GTS 565
GTI 50

Accessories

- Configuration software
- User-manual
- Cable for configuration
- RS-232-GTD