

GS3850 Weight / Set point Controller



Use the **GS3850** Controller in any application requiring set point alarms or weigh feeder controls. The GS3850 is a versatile, intelligent, user configurable low cost Set Point and Batch Weighing Controller.

Users can configure the GS3850 to suit many applications, – select 8 lines / Set Points with individual In Flight compensation – select 2 Dual Speed feeder control lines with individual High and Low Tolerances, In Flight compensation and High

Speed Feeder Cut Off settings or select various other combinations in between.

Up to Eleven GS3850's may be connected to an option 01 equipped GS1650Mk3 Digital Indicator or a GS2750 Set point Controller, via a low cost 3-wire 62.5K baud high speed serial interconnection. The GS3850 incorporates **HSLE** High Speed Linear Extrapolation at **300 samples per second** for the ultimate in high speed batching precision.

FEATURES:

OUTPUTS:

Eight (8) User and One (1) Alarm Outputs Optically Isolated Open Collector, capable of sinking 1 Amp from 5VDC to 48VDC.

INPUTS:

Optically Isolated pulled up internally via current limiting 2.2K Ohm resistor to the 24VDC supply.

SUPPLY:

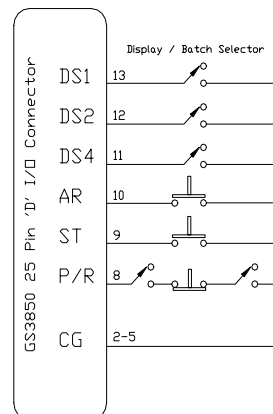
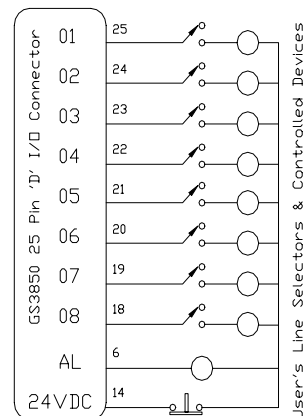
24 Volt DC Control Voltage supply, 640mA (8 Outputs x 80mA) current limited, isolated and indefinite short circuit protected.

GENERAL:

All metal silver enamel finished desk and panel mounting enclosure. 14mm high 7 segmented high intensity red LED display to a maximum of 19990.

Front: 198mm W x 96mm H
Cut Out: 186mm W x 92mm H
Body: 184mm W x 90mm H x 246mm D

POWER: 100, 110, 117, 200, 220, 240VAC
+/- 10% 49 to 62Hz, 15VA.



CE_{89/336/EEC} (EMC)

N1840

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