



Miniature Radio Switch

The EnTek TC240 is a Miniature multi function switch for use in demanding applications such as high current control or where one or two relays are required. The TC240 will support all major formats as well as a number of highly advanced formats offered exclusively by EnTek. Board in door construction is employed to facilitate ease of maintenance or retrofit operations.

As is consistent with all EnTek receivers, the TC240 employs an integral Infra Red Port for ease in local programming and for data collection. Many formats support remote addressability and / or remote provisioning. The TC240 uses state of the art receiver technology to assure long product life and superior performance.

The TC240 houses a 5 amp relay and optionally a 30 or 40 amp relay for high current loads. All relays are fully mappable from function to relay in order for the TC240 to readily fit into legacy systems where these functions have been defined.

The TC240 will fully emulate the popular Motorola Golay 23,12d, REMS 100, REMS 101 / 102, SA Digital (1170) Fisher Pierce 11 bit, SA 105, 205 or SA 305 formats. More advanced modes such as the Smart Golay Switch will allow user selectable time outs to be embedded in the transmitted messages. Distributed Intelligence is available as well as concurrent Direct Load Control providing highly advanced control methodology.

The TC240 maintains and reports critical information about its service history and its environment. With the aid of the PDC 3000 Handheld Data Collection tool or optionally via the two way radio port, this information can be placed in a file to be later transferred to a data analysis platform. This data can then be used to make high level evaluation of the system performance. Critical information such as received signal strength and relay operation history are readily available. In more demanding situations, time stamp information can be retrieved giving the exact time and date of the last several operations.

Specifications:

Sensitivity Better than 10 microvolt per meter

Spurious and image rejection 70 db typ

Selectivity 70 db typ @ +/- 20 KHz

Operating Temperature -20 to +65 Deg C

Enclosure High Impact Polycarbonate

Antenna Internal Standard - external optional

Programming IRDA - all models

For further information contact EnTek ;

Glenn Davis 770-331-4780 or email gdavis@entekllc.com

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