

Series 725 Alarm Annunciator



**A flexible alarm
annunciator offering high
reliability for use in safe
areas**

RTK Instruments Ltd

manufactures a full range of

Safe and Hazardous Area Alarm Annunciators and is able to offer the user a solution, whatever the alarm system requirement. As annunciators are often used to monitor critical plant alarms it is essential that the unit provides the highest reliability possible. The field-proven Series 725 Alarm Annunciator is the ideal solution for safe areas whatever the alarm size or complexity of the alarm system and provides a high degree of reliability, flexibility and programmability for all applications and industries. Further options have now been added to the Series 725 Annunciator which increase this flexibility even further.

The modular construction of the 725 Alarm Annunciator allows units to be assembled in almost any size and shape to suit the customers' requirements. Units can be constructed from a single alarm channel to a maximum of 256 channels with a choice of three window sizes, six colours and bulb or ultra-bright LED illumination.

Manufacturers of

Alarm Annunciators and Systems | Sequential Event
Recorders | Display Facias | Hazardous Area Interface,
Alarm and Display Products | Signal Conditioning &
Trip Amplifiers | Process Instrumentation



Certificate No. FM14290
ISO9001:2000



Each individual alarm way is fully programmable from the front, using the integral programming module. This allows the user to select many different features giving thousands of possible combinations. All programmed information is stored in EEPROM giving repeatability, total reliability and requiring no battery backup. Normal servicing and maintenance is also carried out from the front of the unit without the need for special tools.

The Series 725 Annunciator builds on the success of previous designs using ASIC technology but taking the design to new levels of reliability. With this design there is no common CPU which can cause complete system failure. All alarm cards in the 725 Annunciator can act as the master controller. This design combined with the huge reduction in component count gives a far higher Mean Time Between Failures.

Even with the advanced programming facilities the unit is only 145mm deep, a fraction of the depth of traditional annunciator systems. Auto-mute and auto-acknowledge are two programmable features provided as standard on all units. Another standard feature on the 725 Alarm Annunciator is Sleep Mode. This mode enables power to be conserved in certain applications, typically sub-stations, where the primary supply is produced from batteries. In Sleep Mode the annunciator works as normal, latching in alarms and driving repeat relays, but the drive to the lamps, horn and pushbutton inputs is disabled. When removed from this mode, all alarm information is available in the normal way.

News Release

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One of the low-cost options available on the 725 Annunciator is bi-directional RS485 communication. This can be used to receive alarm information from or transmit to third party equipment. A system can then be created to link two or more annunciators together as repeat or grouped displays.

The 725 Alarm Annunciator can be panel mounted or 19" rack mounted. It can also be supplied fully integrated into wall mounting or floor standing enclosures.

For further information, please visit our website www.rtkinstruments.com,

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