

Klemsan®



COMMUNICATION DISPLAYS



Klemsan®

ANNUNCIATORS

Klemsan annunciators are advanced alarm management devices designed to provide the user with audible and/or visual alarms in case of an error occurring in the system. These devices also record alarm in real-time.

Power Station

3 different series, **ANC**, **ALRC**, and **LSK**, have been developed to offer the most suitable solution in many applications.

It is used in many areas that require alarm management thanks to its wide supply and signal input options.



Electrical Substation



Shipyards



Industrial Plants and Processes



Water Treatment Plants



ANC Series

Alarm Annunciators

ANC series are used to monitor alarms occurring in various applications, audibly and visually. It also provides to record in real-time and to remotely monitor over RS-485.



- 8 (ANC-8), 16 (ANC-16), 24 (ANC-24), 32(ANC-32) channels
- signal input,
- Double-color back lighting indicator,
- 2 different relay output; “HORN” and “ALARM”,
- Ability to assign channels to horn and alarm relay with dip-switches,
- “HORN” channels lights up green, “ALARM” channels light up red,
- Isolated RS485 port,
- Standart MODBUS protocol,
- Real-time clock supported with internal lithium battery,
- Low power consumption (at least 5 years of battery life),
- Ability to keep 6080 records in real time,
- 24V, 48V, 110V, and 220V AC/DC signal input,
- Alarm detection mode according to the existence/nonexistence of the signal,
- Delay alarm sensing adjustable delay alarm detection from 0 to 30 sec,
- 2 operating modes, “CONSTANT” and “PULSE”,
- Alarm approving, deleting and indicator testing with front panel buttons,
- Internal buzzer,
- Flexible configuration via dip-switches and MODBUS,
- Wide supply and signal input range,
- Wide operating temperature range.

ANC SERIES															
Order No	Type	Number of channel	Input Signal	Power Supply	Insulation	Double-color	Internal Buzzer	Memory & Communication	Horn and Alarm	Test, Horn and Del	Delay Time	Signal Inversion	Last alarm / first alarm	Internal Battery	Dimensions
604672	ANC-32	32	110V AC/DC	85-300 AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604673	ANC-32	32	220V AC/DC	85-300 AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604675	ANC-32	32	24V AC/DC	24-50V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604676	ANC-32	32	48V AC/DC	24-50V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604709	ANC-32	32	110/220V AC/DC	110/220V AC/DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604710	ANC-32	32	24/48V AC/DC	24-50V AC/DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604662	ANC-24	24	110V AC/DC	85-300 AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604663	ANC-24	24	220V AC/DC	85-300 AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604665	ANC-24	24	24V AC/DC	24-50V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604666	ANC-24	24	48V AC/DC	24-50V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604705	ANC-24	24	110/220V AC/DC	110/220V AC/DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604706	ANC-24	24	24/48V AC/DC	24-50V AC/DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604632	ANC-16	16	110V AC/DC	85-300 AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604633	ANC-16	16	220V AC/DC	85-300 AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604650	ANC-16	16	24V AC/DC	24-50V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604651	ANC-16	16	48V AC/DC	24-50V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604701	ANC-16	16	110/220V AC/DC	110/220V AC/DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604702	ANC-16	16	24/48V AC/DC	24-50V AC/DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	144x144
604622	ANC-8	8	110V AC/DC	85-300V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	96x96
604623	ANC-8	8	220V AC/DC	85-300V AC/DC		✓	✓	✓	✓	✓	✓	✓	✓	✓	96x96

ALRC Series

Alarm Control Relays

ALRC-6 is used to monitor alarms occurring in various applications, with cloured indicator channels. Relay assignment for each channel makes alarm detection and anaysis possible.



ALRC SERIES																
Order No	Type	Number of channel	Input Signal	Power Supply	Insulation	Double-color	Internal Buzzer	Memory & Communication	Horn and Alarm	For Each Channel	Test, Horn and Del	Delay Time	Signal Inversion	Last alarm / first alarm	Internal Battery	Dimensions
604610	ALRC-6	6	24V AC/DC	24V AC/DC					✓	✓	✓					96x96
604611	ALRC-6	6	48V AC/DC	48V AC/DC					✓	✓	✓					96x96
604612	ALRC-6	6	110V AC/DC	110V AC/DC					✓	✓	✓					96x96
604613	ALRC-6	6	220V AC/DC	220V AC/DC					✓	✓	✓					96x96

LSK Series

Signal Module

LSK signal modules are designed to display alarm signals from the LED light panel. When the signal inputs are energized, the LED of the related channel lights become active and when the signal inputs are de-energized related channel lights becomespassive.

LSK SERIES				
Order No	Type	Number of channel	Input Signal	Dimensions
583041	LSK-4	4	24V AC/DC	96x96
583042	LSK-4	4	48V AC/DC	96x96
583043	LSK-4	4	110V AC/DC	96x96
583045	LSK-4	4	220V AC/DC	96x96
583061	LSK-6	6	24V AC/DC	96x96
583062	LSK-6	6	48V AC/DC	96x96
583063	LSK-6	6	110V AC/DC	96x96
583065	LSK-6	6	220V AC/DC	96x96
583091	LSK-9	9	24V AC/DC	96x96
583092	LSK-9	9	48V AC/DC	96x96
583093	LSK-9	9	110V AC/DC	96x96
583095	LSK-9	9	220V AC/DC	96x96



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