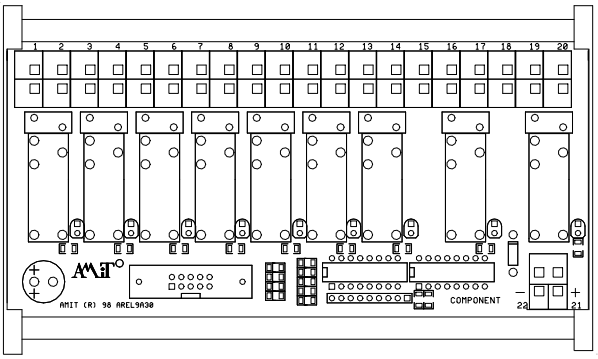
AREL7S2P-X

Nine Relay Outputs Module

- **7 × normally opened relay, 2 × switch over relay**
- **Switched voltage 230 V / 6 A AC, resistive load**
- **Output state indication by red LED**
- **DIN rail mounting, connection to the control system by flat cable**
- **Designed for switchboard mounting**



TECHNICAL DATA

Number of outputs	9
Relay types	7 × normally opened relay 2 × switch-over relay
Contact protection (inductive load)	Varistor
Insulation strength of galvanic separation	4200 V AC
Max. operation voltage of galvanic separation	300 V AC/DC
Devices protection class	II
Cover protection rate (LV) in mounted state	IP20
Cover protection rate (SELV)	IP00
Emission class	Class A
Nominal voltage current (resistive load)	230 V AC / 24 V DC 6 A
Switching power (resistive load)	1500 VA AC / 144 W DC
Switch on time off time	10 ms 5 ms
Contact lifetime without load / nominal load	30×10^6 / 4×10^5 cycles
Max. switch on frequency without load / nominal load	72000 / 600 $hour^{-1}$
Module power supply	24 V DC ±20 %
Max. input current	6 mA
Max. power consumption	180 mA at 24 V DC
Output signal connection	WAGO connectors, hole spacing 7.5 mm
Operating temperature	0 to 70 °C
Max. ambient humidity	< 95 % non-condensing
Weight	250 g
Dimensions (w × h × d)	160 × 92 × 55 mm

ORDERING INFORMATION

AREL7S2P-X	Relay output module, 230 V / 6 A AC, 100 cm connecting cable, data sheet, warranty card

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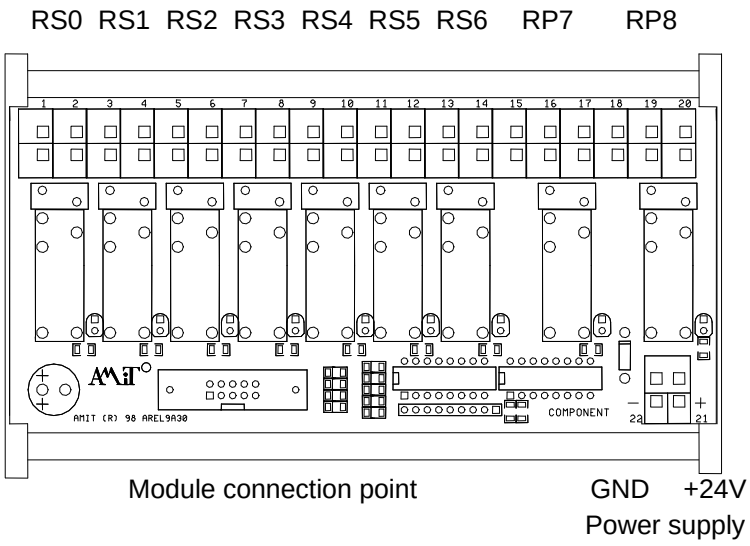
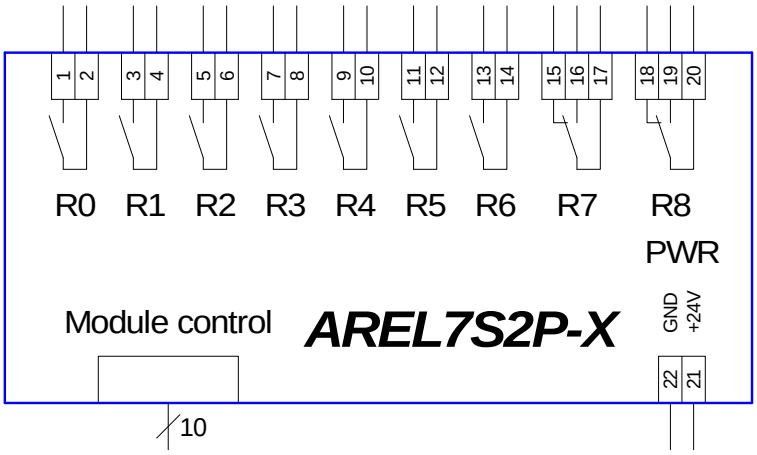
TERMINALS LOCATION



RECOMMENDED DIAGRAM SYMBOL



MOUNTING INSTRUCTIONS

- **Module is cooled by natural air circulation (up to max. operating temperature). Has to be mounted on DIN rail at arbitrary orientation.**
- **Module is designed for use in normal environment (not in explosive environment etc.).**
- **Cabling must be done properly so that any randomly disconnected cable can not carry main voltage to the secure part and vice versa.**
- **If this module is not use properly (according to producer's instructions), the provided protection could be reduced.**
- **According to way of use there is a need to remove dust from time to time. It is recommended to use dry brush, soft wiper or vacuum cleaner for cleaning dust.**
- **Mains switching circuits have to be protected by separate 6 A circuit breaker placed in touch with module.**
- **Max. current through a bulb is greater then its nominal current. Not even short time value of switched current has to exceed its maximum allowed value.**
- **Designed only for single-phase 230 V AC systems.**
- **Module is designed for switchboard mounting.**
- **Module serves to extend number of outputs for AMiT control systems. It is destined only for using with AMiT control systems. Module is connected to the control system by the flat cable that is supply together with relay module.**