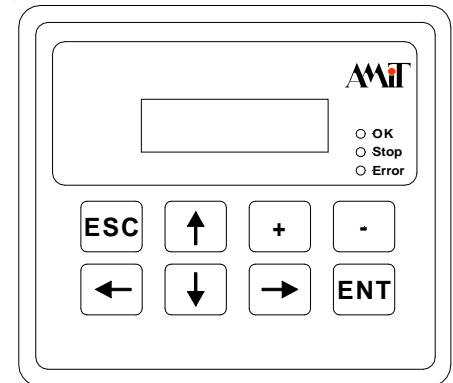


ART267A

Compact Control System with Display

- 8 × digital output 24 V / 0.5 A
- 8 × digital input 24 V
- 6 × analogue input U / I / Ni1000
- 2 × analogue output 0 to 10 V
- RS232 (RxD, TxD and CTS output)
- Designed for switchboard front panel mounting
- Back-lit LCD display, 2 x 16 characters, membrane keyboard with 8 keys



TECHNICAL DATA

Digital inputs Universal AC / DC	8 × 24 V AC/DC Logical 0 min. -30 V, max. 5 V Logical 1 min. 16 V, max. 30 V
Digital inputs protection	Transil 600 W
Galvanic separation of inputs	Yes *)
Digital outputs	8 × 24 V / 0.5 A DC
Outputs protection	Internal protection of switch VN340SP
Galvanic separation of outputs	Yes *)
Analogue inputs	6 × 0 to 10 V / 0 to 5 V / 0 to 20 mA / Ni1000
Analogue inputs protection	Diodes + 10 kOhm resistor
Analogue outputs	2 × 0 to 10 V, (max. 10 mA)
Analogue outputs protection	Transil 600 W
Galvanic separation of AI / AO	No
Serial communication interface	RS232 (CANON 9) without GS, RxD, TxD and CTS
Display	Back-lit LCD with 2 × 16 characters
Keyboard	Membrane type with 8 keys
Cover protection rate – front panel – back panel	IP55 IP20
Signal connection	WAGO 734 (3.81 mm) cage clamp connectors
Power supply	24 V DC ±20 %
Power consumption (without outputs)	Max. 250 mA at 24 V DC
Operating temperature	0 to 50 °C
Max. ambient humidity	< 95 % non-condensing
Weight	650 g
Dimensions (w × h × d)	141 × 124 × 71 mm
Back-up battery lifetime	5 years
Programming	DetStudio

*) Insulation strength 300 V AC / 1 minute, galvanic separation may not be used for safe and unsafe parts separation.

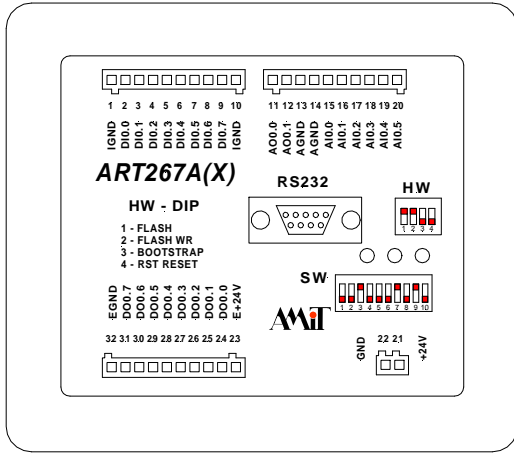
ORDERING INFORMATION

ART267A	Control system with display and keyboard, user's manual, warranty card, mount-hole cutting template, full WAGO connector set
KABEL 232P	RS232 to PC connecting cable

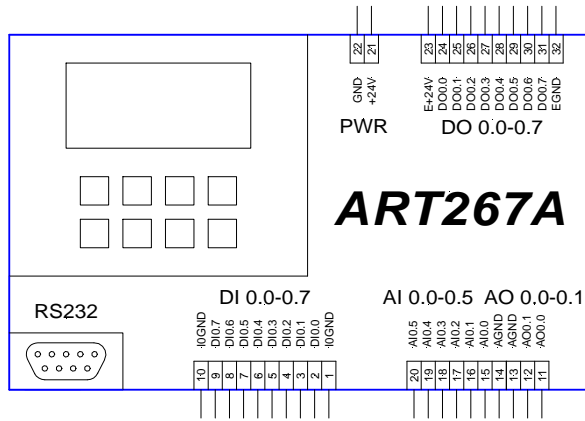
CONNECTORS FOR PHERIPHERAL MODULES

Digital inputs	DI	8 × galvanically separated input	1 .. 10
Digital outputs	DO	8 × galvanically separated output	23 .. 32
Analogue inputs + outputs	AI/AO	6 × 10-bit analogue input without GS 2 × 10-bit analogue output without GS	11 .. 20
Power supply	PWR	Power supply 24 V DC	21 .. 22

TERMINAL LOCATION



RECOMMENDED DIAGRAM SYMBOL



Note: GND, AGND and RS232-GND terminals are internally connected

PHYSICAL DIMENSIONS

