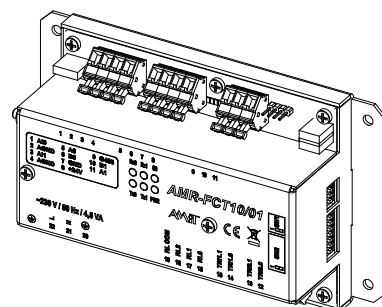


# AMR-FCT10/01

FanCoil Unit Controller

- 2 × input Ni1000 / passive contact
- 3 × relay output
- 2 × triac output
- 2 × RS485 line
- Power supply 230 V AC



## TECHNICAL DATA

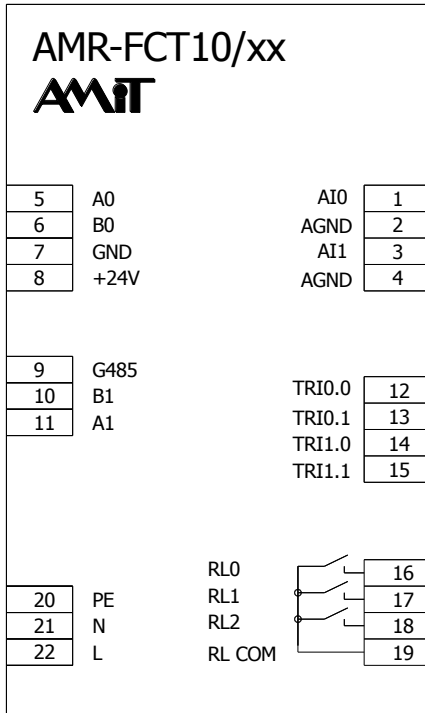
<b>Inputs Ni1000 / non-potential</b>	2
Accuracy / Thermal dependence	±0,5 °C / 70 ppm / °C
R <sub>MAX</sub> for Log. 1	< 1000 Ω
R <sub>MIN</sub> for Log. 0	> 1300 Ω
Galvanic separation	No
<b>Triac outputs</b>	2
Output type	Free switch with zero switching
Galvanic separation	Yes *)
Max. output current	500 mA AC (resistive load)
Max. switched output voltage	250 V AC
Max. operation voltage of GS	500 V
<b>Relay outputs</b>	3
Output type	3 × normally opened contact with common phase
Max. output current	4 A at 230 V AC / 24 V DC (resistive load)
Max. cumulative current	6 A
Galvanic separation	Yes *)
Max. operation voltage of GS	500 V
Max. switched output voltage	250 V AC, 150 V DC
<b>Communication</b>	2
Galvanic separation	1 × Yes, 1 × No
Communication rate	9600 bps to 57600 bps
Max. number of units on RS485 line	256 (line with GS) 31 (line without GS)
<b>Power supply</b>	230 V AC ±10 %
Power consumption	20 mA at 230 V AC
<b>Others</b>	
Cover protection rate	IP20
Operating temperature range	0 °C to 50 °C
Max. ambient humidity	< 95 % non-condensing
Mounting	On the base plate
Weight	650 g
Dimensions (w × h × d)	(157 × 95 × 50) mm
<b>Programming</b>	DetStudio / EsiDet

\*) Insulation strength 500 V AC / 1 minute, galvanic separation may not be used for safe and unsafe parts separation.

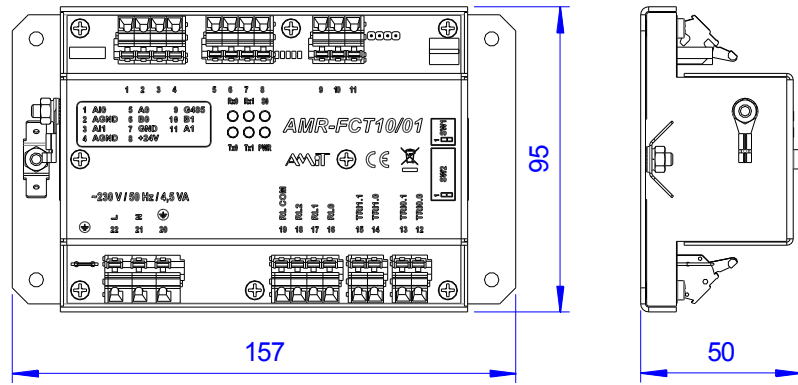
## ORDERING INFORMATION

<b>AMR-FCT10/01</b>	FanCoil units controller, user's manual, warranty card
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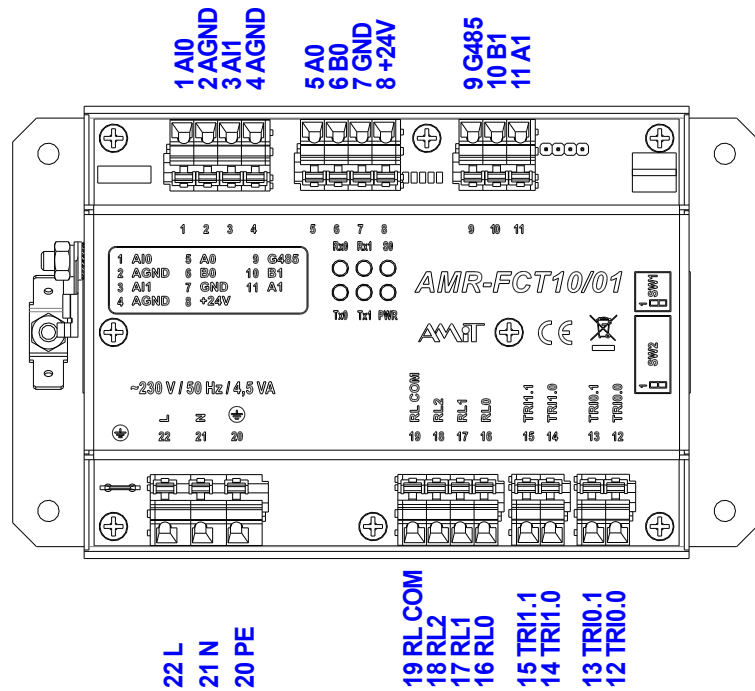
## RECOMMENDED DIAGRAM SYMBOL



## PHYSICAL DIMENSIONS



## TERMINAL LOCATION



## TERMINALS ASSIGNMENT

Terminal	Label	Assignment	Terminal	Label	Assignment
1	AI0	Analogue input 0	12	TRIO.0	Triac output 0
2	AGND	Analogue ground	13	TRIO.1	Triac output 0
3	AI1	Analogue input 1	14	TRI1.0	Triac output 1
4	AGND	Analogue ground	15	TRI1.1	Triac output 1
5	A0	RS485 without GS, COM0 line A	16	RL0	Relay output 0
6	B0	RS485 without GS, COM0 line B	17	RL1	Relay output 1
7	GND	Ground	18	RL2	Relay output 2
8	+24V	Power supply 24 V	19	RL COM	Relay outputs, common terminal
9	G485	RS485 with GS, COM1 ground	20	PE	Protective earth conductor
10	B1	RS485 with GS, COM1 line B	21	N	Power supply 230 V AC, neutral wire
11	A1	RS485 with GS, COM1 line A	22	L	Power supply 230 V AC, phase