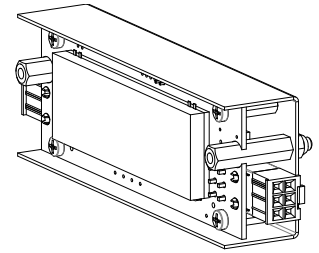


# AMT2000/A

Display for reservation system

- VFD graphic display, (128 × 32) pixels
- RS485 communication interface
- Power supply 24 V DC
- Geographical addressing, connection by concatenation
- Mounting to the shelf frame
- Designed in accordance with EN 50155



## TECHNICAL DATA

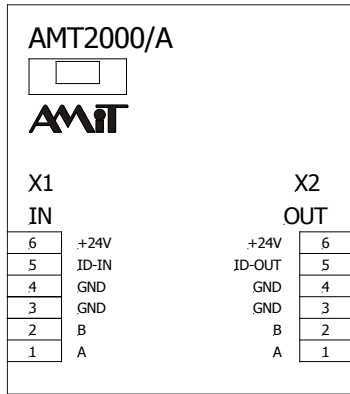
<b>Display</b>	VFD, (128 × 32) pixels
Display area	(57.5 × 14.3) mm
Illumination color	Green
Illumination lifetime	30000 hours *)
<b>Communication</b>	
Line	RS485
Galvanic separation	No
Overvoltage protection	Transil 600 W
Line termination	External termination
<b>Power supply</b>	
Power supply	16,8 V DC to 33,6 V DC
Max. power consumption	0.12 A at 24 V DC
<b>Others</b>	
Mechanic	PCB with metal cover
Mounting	To the shelf frame
Connection	2 × MOLEX Mini-Fit Jr. connector
Connecting cables	0.2 mm <sup>2</sup> to 0.8 mm <sup>2</sup>
Cover protection rate	IP00
Operating temperature	-40 °C to 70 °C
Storage temperature	-40 °C to 70 °C
Max. ambient humidity	< 95 % non-condensing
Weight	200 g
Dimensions (w × h × d)	(125.9 × 44.7 × 35) mm

\*) Brightness become 50 % of the original brightness at the standard condition.

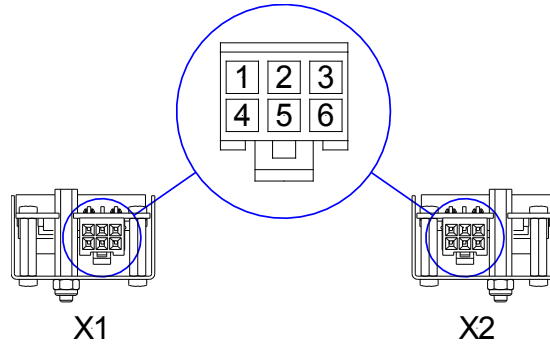
## ORDERING INFORMATION

<b>AMT2000/A</b>	Terminal for reservation system, warranty card, production test report, insulation test report, user's manual
<b>39-01-2060</b>	MOLEX Mini-Fit Jr. receptacle housing for cable, 6 pins
<b>39-00-0039</b>	Crimp terminal for MOLEX 39-01-2060

## RECOMMENDED DIAGRAM SYMBOL



## CONNECTORS LOCATION

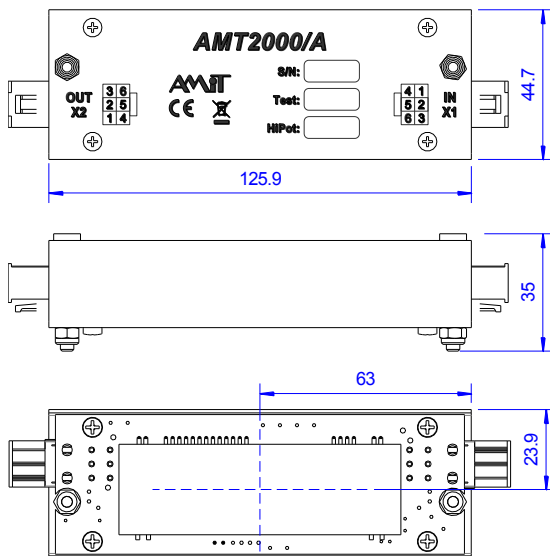


## TERMINALS ASSIGNMENT

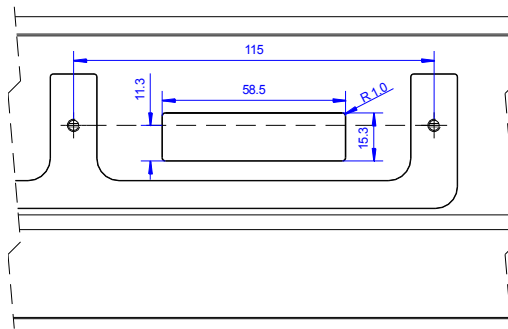
Connector	PIN	Signal	Signal type on AMT2000/A
X1	1	A	RS485 line, signal A
	2	B	RS485 line, signal B
	3	GND	RS485 line ground
	4	GND	Power supply ground, input
	5	ID_IN	Identification signal, input
	6	+24V	Power supply +24 V DC, input
X2	1	A	RS485 line, signal A
	2	B	RS485 line, signal B
	3	GND	RS485 line ground
	4	GND	Power supply ground, output
	5	ID_OUT	Identification signal, output
	6	+24V	Power supply +24 V, output

Note: Signals with the same name are internally connected. Connectors wiring allows concatenation.

## TERMINAL DIMENSIONS



## TERMINAL MOUNTING



**AMT2000/A** is for mounting to the shelf frame trough. In this trough has to be milled hole according to drawing. Two M4 screws fix unit.