

Technical Data GUI607

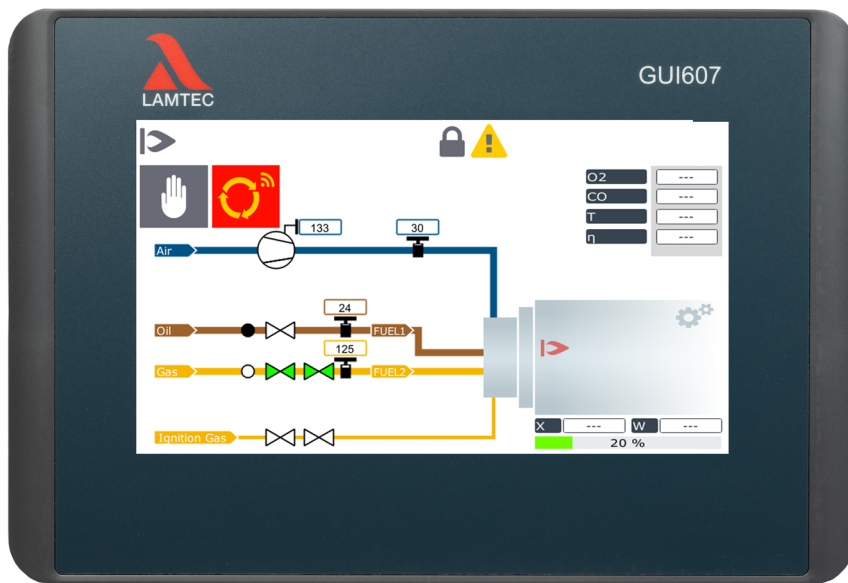


Fig. 1 GUI607

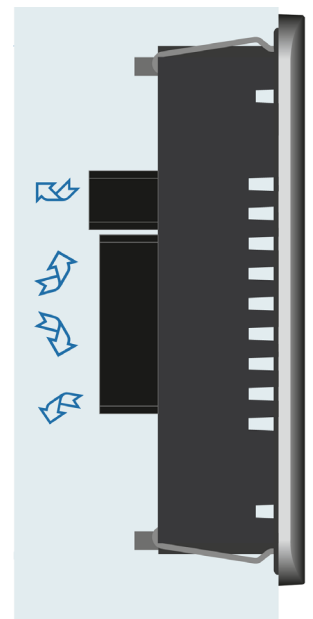


Fig. 2 Ensure free air circulation! >20 mm

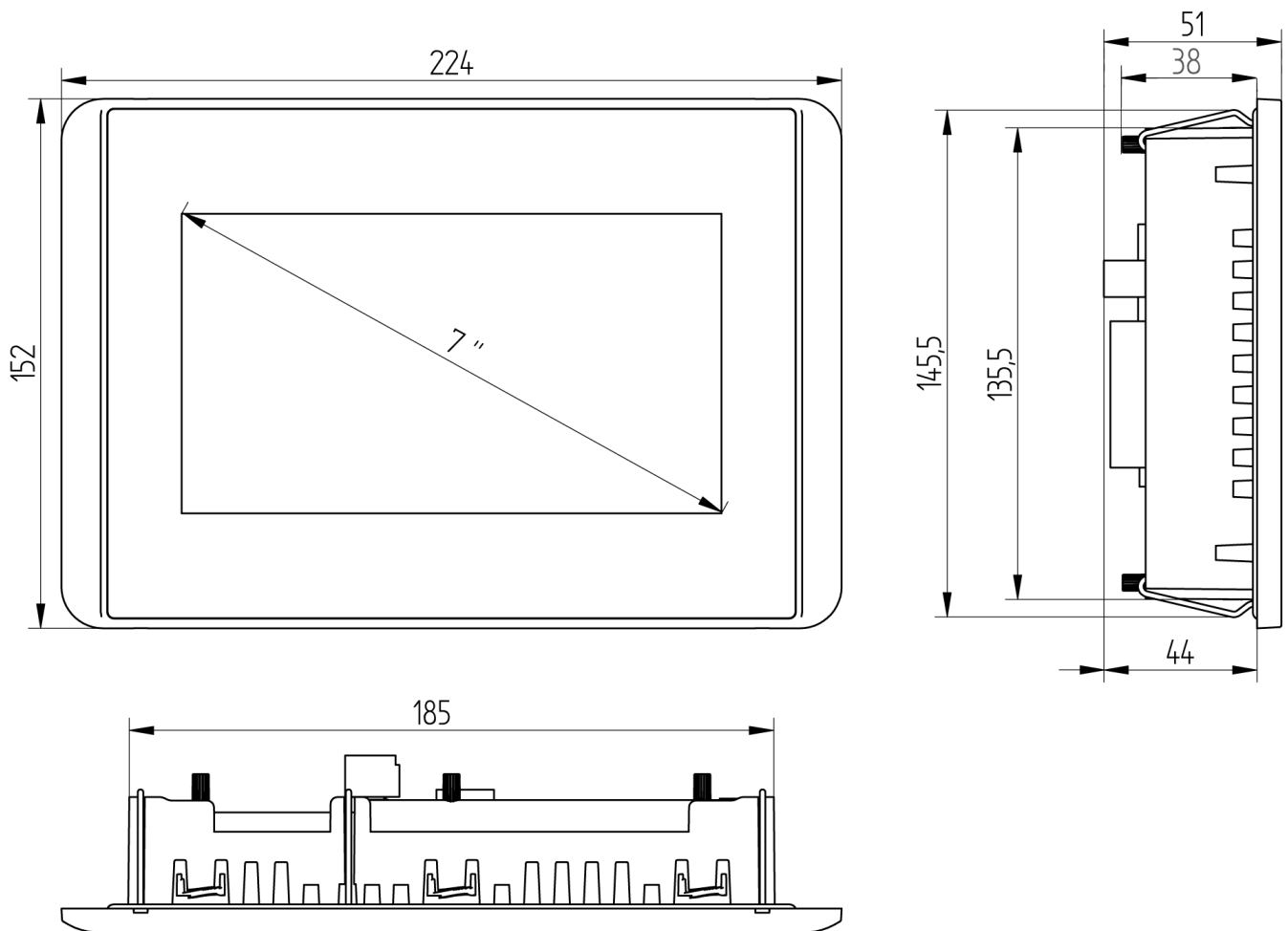


Fig. 3 GUI607 mounting dimensions in mm

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Cut-out for GUI607 installation: 187 × 137 mm | 7.36" x 5.39" in for a sheet thickness of 2 mm

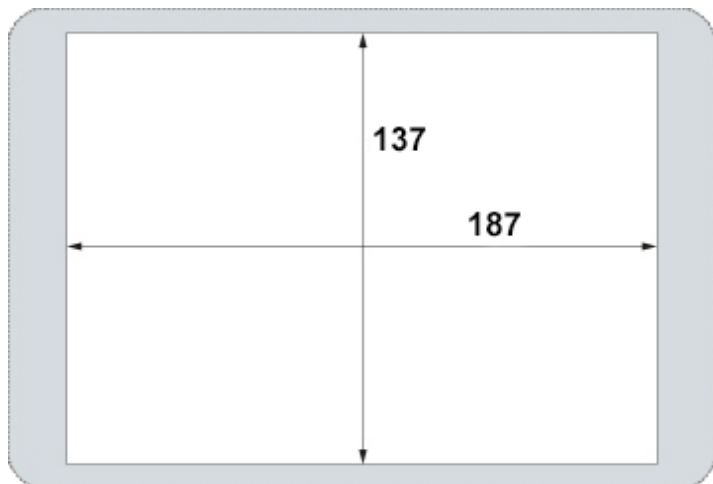


Fig. 4 Panel cut out GUI607 (dimensions in mm)

Cut rectangular panel cut-out in the support material

High: 137.0 mm | 5.39" in
Width: 187.0 mm | 7.36" in
Max. corner radius: 3.0 mm | 0.12" in

Optimum thickness of the carrier material

Degree of protection IP65 with twist-lock catches: only for 1.5 ... 3.0 mm 0.06 ... 0.12" in

Optimal: 1.5 ... 2.0 mm 0.06 ... 0.08" in

Max.: 3.0 mm | 0.12" in

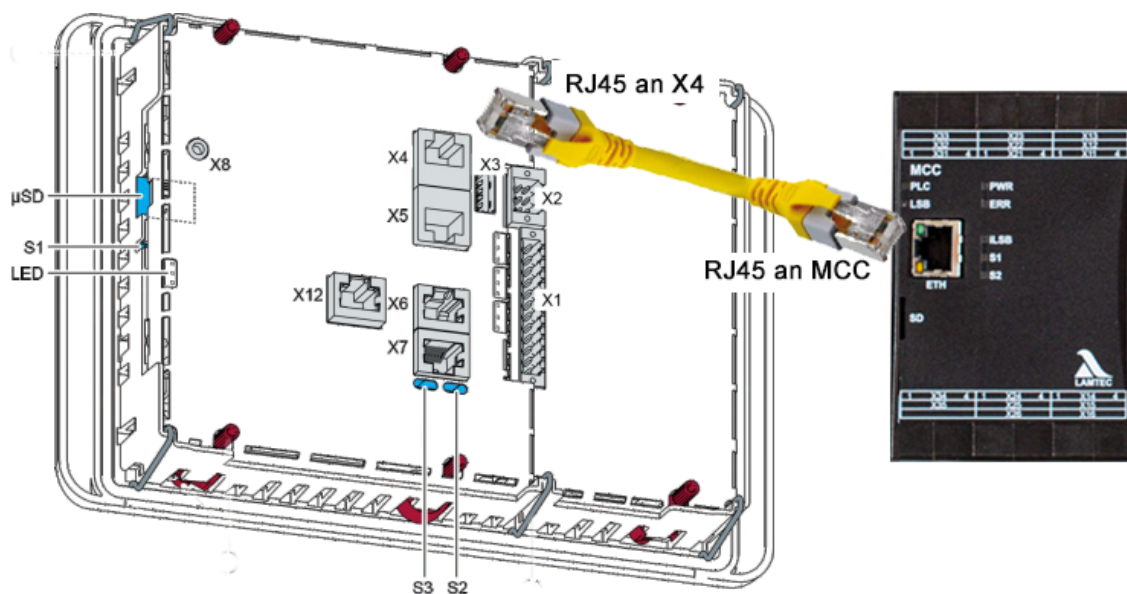


Fig. 5 Connections GUI607

Connections

Pos. Designation

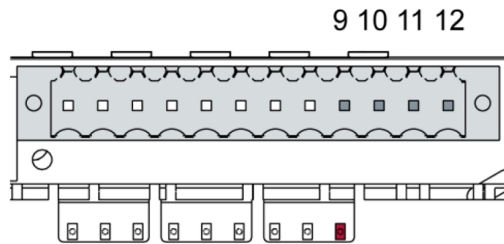
X1 Power supply, digital input/output
X2 Analogue input
X3 USB 2.0
X4 Ethernet (ETH0)
X5 EtherCAT(ETH1)
X6 RS-232/RS-485
X7 CAN Bus (CAN0)

Pos. Designation

X8 Debug interface (just DC)
X12 CAN Bus (CAN1) optional
S1 Function key (Reset and run/stop)
S2 Termination resistor CAN (120 Ω)
S3 Termination resistor RS-485 (120 Ω)
μSD Connection microSD card (optional)
LED LEDs: PWR, run/stop, error

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X1 Power supply inputs PIN 10-12



PIN 10 and 11: L+ 24 V Power supply 24 VDC
(-15 % / +20 %)

PIN 12: GND

Fig. 6 GUI607 X1 PIN assignment

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Dimensions (H × W × D)	224 × 152 × 51 mm 8.82 x 5.98 x 2.01" in
Weight	0.6 kg 1.32 lb
Installation	integrated locking tabs
Power supply	24 VDC -15/+20 % SELV max. AC voltage component 5 % with inverse-polarity protection
Power consumption	
Module electronics current consumption	type 0.3 A, max. 3 A at +24 VDC
Display diagonal/resolution	7" display, 800 × 400 (WVGA)
Touch screen type	resistive
Colours	TFT: 16.7 M (24 bits/pixel)
CPU	800 MHz ARM® CPU with Cortex™-A9 single core
RAM/flash/non-volatile memory	256 MB RAM/256 MB flash/100 kB FRAM
Communication interfaces	2 x Ethernet, 10/100 Base, RJ45
Flammability	

Environmental conditions

Operation	perm. temperature range	24 V power supply: 0 ... +55 °C 32 ... 131 °F (condensation prohibited) 28.8 V power supply: 0 ... +50 °C 32 ... 194 °F (condensation prohibited)
	relative humidity	max. 8 %, non-condensing
Transport/Storage	perm. temperature range	-20 ... +70 °C -4 ... 158 °F (condensation prohibited)
	relative humidity	max. 85 %, non-condensing
Degree of protection	DIN EN 60529	IP20 back IP65 front, with tensioned twist-lock catch
Protection class	DIN EN 61140	III
Electronic safety	insensitivity to interference	EN 61131-2/EN-En61000-6-2; industrial premises
	emitted interference	EN EN 61000-6-4; industrial premises
Mechanical safety	vibration	sinusoidal (EN 90068-2-6) test: Fc; 10 - 150 Hz, 1 G (operating mode)
	shock resistance	15 G (approx. 150 m/s ² 492.13 ft/s ²), duration 10 ms, semi-sinusoidal (EN 600068-2-27) Test: Ea

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Certification

CE	DIN EN 61131-2
	DIN EN 61010-2-201
	DIN EN 61000-6-3
UL	UL 61010-2-201

NOTICE

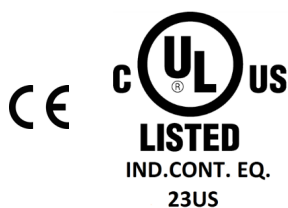
The limits of the technical data must be strictly adhered to.

Order Information

Display modules GUI607

Description/Type	Order no.
Graphical display module 7", 24 VDC, panel installation Touch panel with graphic menus for convenient curve programming, extended parameter setting and all system queries	668R1000

Approvals



The information in this publication is subject to technical changes.



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