product data sheet

item no. 83.050.0000.0

HMI panel HMI-ECO-043

HMI Eco touch panel, 4,3" diagonal, TFT, 480x272 Pixel, IP66 for frontside, 64 MB RAM, USB Host/Client, Ethernet, Modbus TCP, Programmable with the software hmiPLAN



item no.	83.050.0000.0
EAN	4049088468735
order unit	1 piece(s)

certificates / approvals

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technical data

technical data

operating temperature min.	-20 °C
operating temperature max.	70 °C
storage temperature / transport max.	70 °C
storage temperature / transport min.	-20 °C
relative humidity min.	10 %
relative humidity max.	90 %
degree of protection (IP)	IP66
degree of protection (NEMA)	4X
number of HW-interfaces industrial Ethernet	1
number of HW-interfaces RS232	1
number of HW-interfaces RS422	1
number of HW-interfaces RS485	3
number of HW-interfaces USB	1
supporting MODBUS protocol	yes
standards	EN61000-6-2, EN61000-6-4
approvals	yes
cooling	natural Cooling with min. 50 mm distance to environment
shock	50 G,11 Ms, X, Y, Z Direction (EN 60068-2-27)
EMI	FCC Part 15 Class A
Real Time Clock	yes
Battery Backed RAM	yes
vibration	10...55 Hz (IEC60068-2-64)
UL certification	UL61010
ROHS certification	yes
Ethernet Protocols	ADS for TwinCAT3, Modbus TCP Slave, Modbus TCP Master, Ethernet IP, u.v.a.

compatible PLC families	Siemens, Allen Bradley, Beckhoff, Wago, Schneider, u.v.a.
operating cycles	≥ 1000000
power supply type	SELV (UL 508, UL 248)
font type	Taiwanese (traditional Chinese), Japanese (ANK, Kanji), Kyrilic, Korean, Chinese (simp. Chinese), ASCII (Europ front type)

supply circuit

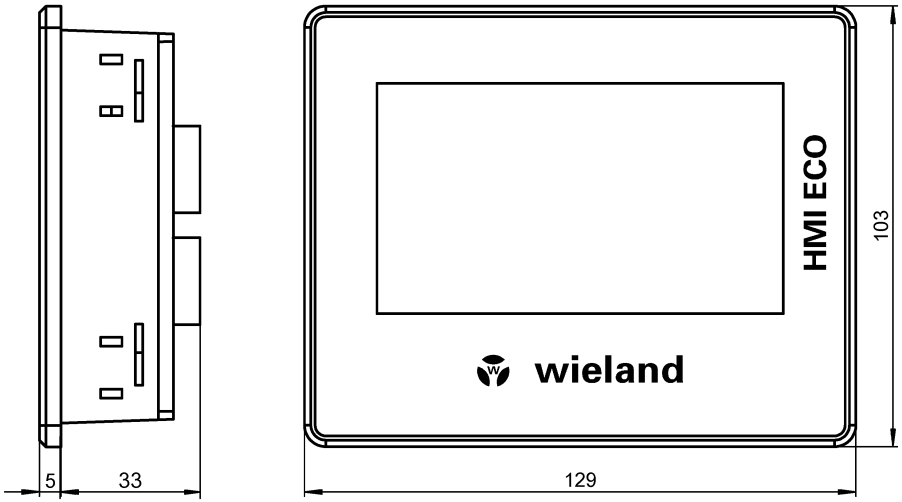
min. rated supply voltage at DC	21.6 V
max. rated supply voltage at DC	26.4 V
voltage type	DC
rated consumption DC	10 W

dimensions

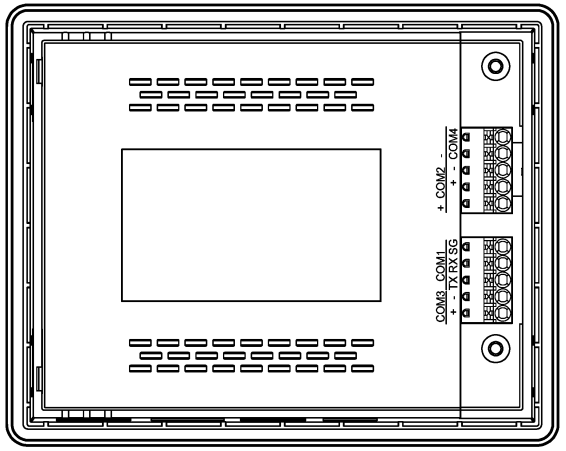
width of the front	129 mm
height of the front	103 mm
build in depth	33 m
cutout dimension width	118.5 mm
cutout dimension height	92.5 mm
weight	230 g

accessories

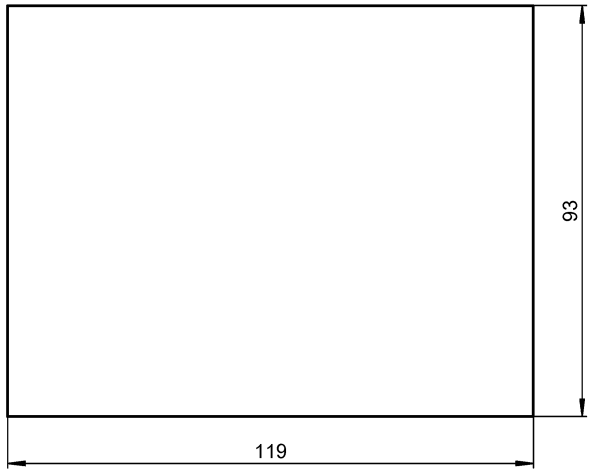
item no.	type	description
78.999.4000.0	patch-cables MOD ZBH RJ45 0,25 m	
78.999.4100.0	patch-cables MOD ZBH RJ45 0,5 m	
78.999.4200.0	patch-cables MOD ZBH RJ45 1,0 m	
78.999.4300.0	patch-cables MOD ZBH RJ45 2,0 m	
78.999.4400.0	patch-cables MOD ZBH RJ45 3,0 m	
78.999.4500.0	patch-cables MOD ZBH RJ45 5,0 m	
78.999.4600.0	patch-cables MOD ZBH RJ45 7,5 m	
78.999.4700.0	patch-cables MOD ZBH RJ45 10 m	



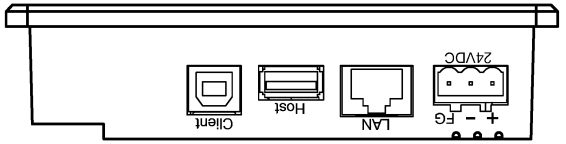
Ansicht hinten / back view



Cutout Dimension



Ansicht unten / view below



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Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.	www.wieland-electric.com eshop.wieland-electric.com
ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!	
Freitoleranz nach General tolerance	CAD-Zeichnung, keine manuellen Änderungen CAD drawing, no manual modifications allowed
1. Verwendung: First Use:	Blatt: Sheet:
Werkstoff / Material	2017 / Tag/Date / Name
gezeichnet drawn	27.11. Koetzner
geprüft checked	
Normgepr. Stand. check	
Maßstab/Scale	Zeichnung Nr. / Drawing No. 83.050.0000.0 01K
	Maße in mm / Dimensions are in mm
Datei / File: 045611_A01K.DCD	Ersatz für / Replacement for:
ⓐ 13.02.20 Index / Datum / Blatt Date / Sheet Änderung / Revision	wieland www.wieland-electric.com
Type	Benennung / Title: Teilespezifikation / Component specification HMI TOUCH PANEL HMI-ECO-043