

product data sheet

item no. 83.050.0002.0

HMI panel HMI-ECO-100

HMI Eco Touchpanel, 10" diagonal, TFT, 1024x600 Pixel, IP66 for frontside, 64 MB RAM, USB Host/Client, Ethernet, Modbus TCP, Programmable with the software hmiPLAN



item no.	83.050.0002.0
EAN	4049088468759
order unit	1 piece(s)

certificates / approvals



technical data

technical data

operating temperature min.	-10 °C
operating temperature max.	60 °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	4
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

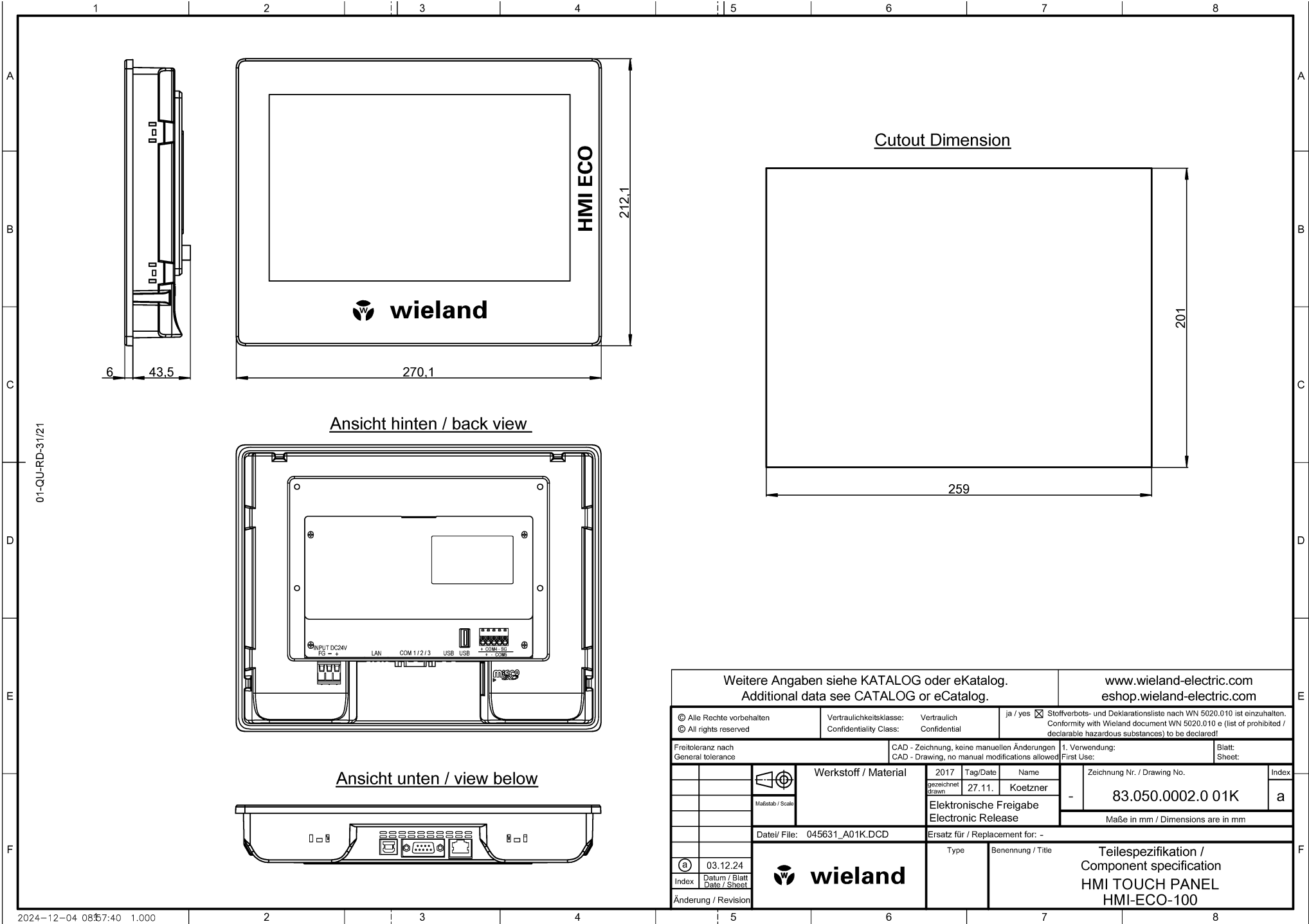
min. rated supply voltage at DC	21.6 V
max. rated supply voltage at DC	26.4 V
voltage type	DC
rated consumption DC	20 W

dimensions

width of the front	270.1 mm
height of the front	212.1 mm
build in depth	43.5 mm
cutout dimension width	259 mm
cutout dimension height	201 mm
weight	1.1 kg

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	



Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.					www.wieland-electric.com eshop.wieland-electric.com					
© Alle Rechte vorbehalten © All rights reserved		Vertraulichkeitsklasse: Vertraulich Confidentiality Class: Confidential		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 gezeichnet drawn 27.11.		Name Koetzn		Zeichnung Nr. / Drawing No.		Index
Maßstab / Scale				Elektronische Freigabe Electronic Release		-		83.050.0002.0 01K		a
						Maße in mm / Dimensions are in mm				
		Datei/ File: 045631_A01K.DCD		Ersatz für / Replacement for: -						
(a) 03.12.24		 wieland		Type		Benennung / Title				
Index				Datum / Blatt Date / Sheet		Teilespezifikation / Component specification HMI TOUCH PANEL HMI-ECO-100				
Änderung / Revision										