Product data sheet

Specifications

Keypad-touchscreen panel color - 640 x 480 pixels VGA -10.4" - TFT LCD

HMIGK5310

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony GK
Product or Component Type	Touchscreen panel with keypad
Display colour	65536 colours
Display size	10.4 inch
Supply	External source
Operating System	Harmony
Processor name	CPU RISC

Complementary

Display Type	Backlit colour TFT LCD
Display Resolution	640 x 480 pixels VGA
Touch sensitive zone	1024 x 1024
Touch panel	Analogue
Backlight lifespan	50000 hours
Brightness	16 levels via touch panel
Character font	Japanese (ANK, Kanji) Korean ASCII (European characters) Taiwanese (traditional Chinese) Chinese (simplified Chinese)
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2…28.8 V
Inrush current	30 A
Power Consumption in W	11.4 W
Number of dynamic function keys symb	18 with LED
Number of static function keys	12 with LED and labels
Number of SERVICE keys	8
Number of alphanumeric keys	12
Local signalling	1 LED (green or orange) for normal operation or backlighting faulty
Number of pages	Limited by internal memory capacity
Software Type	Configuration software
Software Designation	Vijeo Designer
Processor frequency	333 MHz

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Memory description	512 KB SRAM back up of data lithium battery 128 MB flash EPROM application memory
Downloadable protocols	Telemecanique Modicon FIPWAY Telemecanique Modicon Modbus Plus Telemecanique Modicon Modbus TCP Telemecanique Modicon Modbus Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Telemecanique Modicon Uni-TE
Realtime clock	Built-in
Memory type	Up to 32 GB SD card RAM Up to 32 GB SDHC card RAM
Integrated connection type	<= 187.5 kbit/s RJ45, RS485 COM2 serial link Siemens MPI (187.5 kbits/s) USB 2.0 type A master Modicon M340 terminal port communication <= 115.2 kbits/s male SUB-D 9, RS232C COM1 serial link removable screw terminal block power supply RJ45 Ethernet TCP/IP USB 2.0 type mini B
Port Ethernet	10BASE-T/100BASE-TX
Mounting Mode	Flush mounting
Fixing Mode	By 12 spring clips
Front material	Aluminium alloy
Enclosure Material	PPT
Marking	CE
Width	11.7 in (296 mm)
Height	13.07 in (332 mm)
Depth	3.0 in (76 mm)
Cut-out dimensions	285 (+/- 0.4) x 309 (+/- 0.4) mm
Net Weight	7.3 lb(US) (3.3 kg)

Environment

Immunity to microbreaks	10 ms
Standards	IEC 61000-6-2 IEC 61000-6-4 CSA C22.2 No 213 UL 61010-2-201 ANSI/ISA 12.12.01 IEC 61131-2
Product Certifications	cULus EAC UL Class 1 Division 2 T5 KC UL Class 1 Division 2 T4A RCM CSA Class 1 Division 2 T4A CSA Class 1 Division 2 T5 UKCA
Ambient Air Temperature for Operation	32…131 °F (0…55 °C)
Ambient Air Temperature for Storage	-4…140 °F (-20…60 °C)
Relative humidity	10…90 % without condensation
Operating altitude	< 6561.68 ft (2000 m)
IP degree of protection	IP20 IEC 60529 rear panel) IP65 IEC 60529 front panel)

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NEMA degree of protection	NEMA 4X front panel (indoor use)
Shock resistance	15 gn 11 ms IEC 60068-2-27
Vibration resistance	1 gn 9…150 Hz)IEC 60068-2-6 3.5 mm 5…9 Hz)IEC 60068-2-6
Electromagnetic compatibility	Resistance to electrostatic discharge - test level: 4 kV level 3 conforming to IEC 61000-4-2 Resistance to radiated electromagnetic fields - test level: 10 V/m conforming to IEC 61000-4-3 Resistance to fast transient - test level: 2 kV level 3 conforming to IEC 61000-4-4

Ordering and shipping details

Category	US10MC222569
Discount Schedule	0MC2
GTIN	3606480992094
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.8 in (22.4 cm)
Package 1 Width	14.6 in (37.2 cm)
Package 1 Length	17.9 in (45.5 cm)
Package weight(Lbs)	12.901 lb(US) (5.852 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	**618**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

F-gas usage performance	**Only air and vacuum used for insulation / breaking, no F-gas including SF6**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**8c869bd2-791d-4092-95fa-a6835ef51806**
REACh Regulation	**REACh Declaration**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
Halogen content performance	**Product contains halogen above thresholds**
PVC free	**No**
Silicon free	**No**

Use Again

Repack and remanufacture

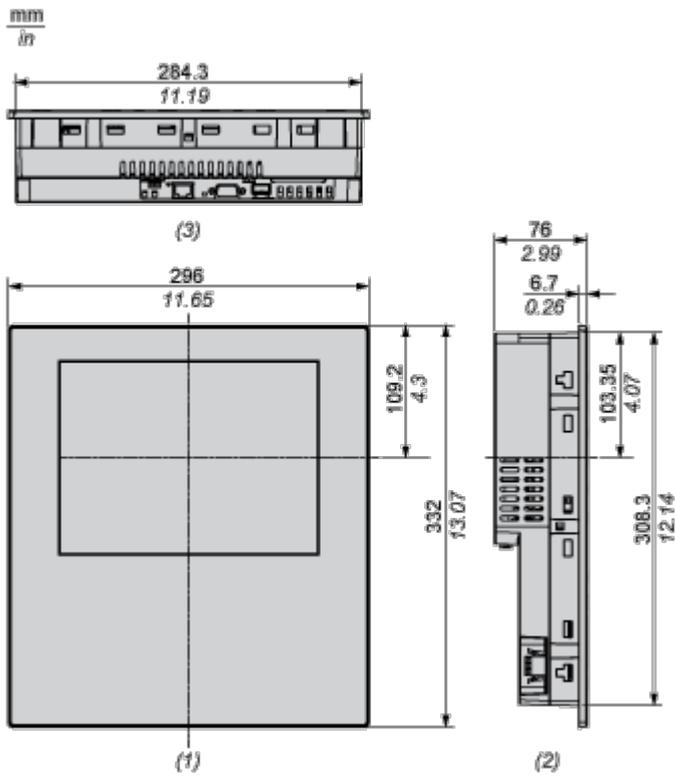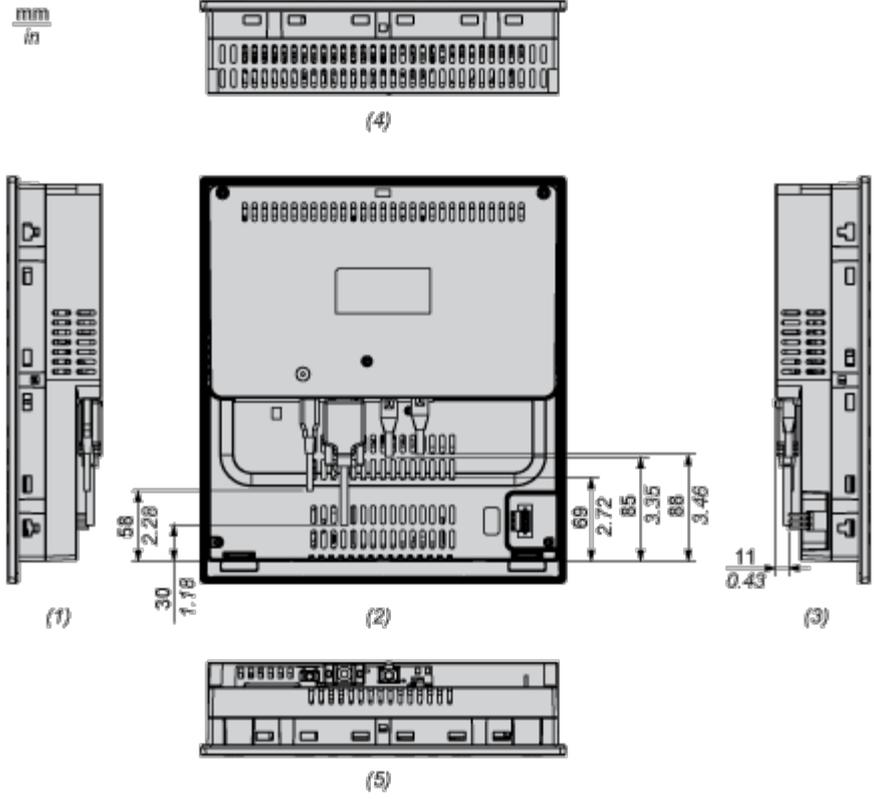|	
Circularity Profile	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Dimensions Drawings

Dimensions
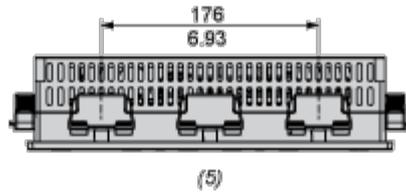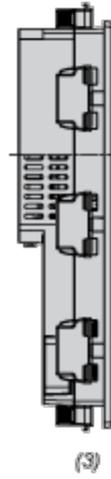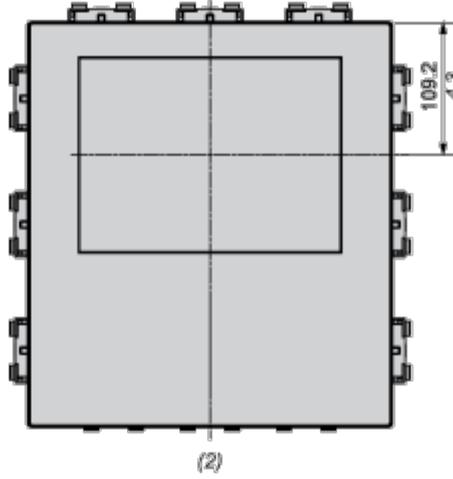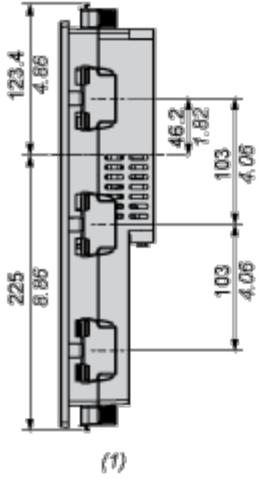
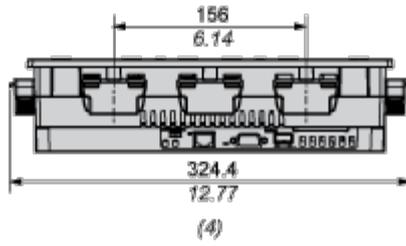### External Dimensions

(1)	Front

(2)	Left

(3)	Bottom

Dimensions with Cables

(1) Right

(2) Front

(3) Left

(4) Bottom

(5) Top

Dimensions with Spring Clips

HMIGK5310

(1) Right

(2) Front

(3) Left

(4) Bottom

(5) Top

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Mounting and Clearance

Mounting

Panel Cut Dimensions
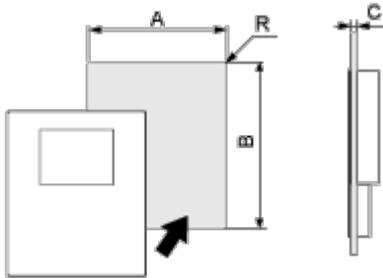
Dimensions in mm

A	B	C
285$^{\pm0.4}$	309$^{\pm0.4}$	Spring clips (Position 1): 1.5...4 Spring clips (Position 2): 4...6

Dimensions in in.

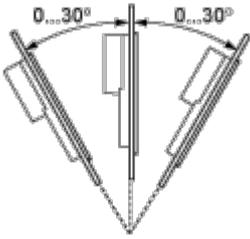| A	B	C
11.22$^{\pm0.01}$	12.17$^{\pm0.01}$	Spring clips (Position 1): 0.06...0.16 Spring clips (Position 2): 0.16...0.24

Spring Clip Dimensions
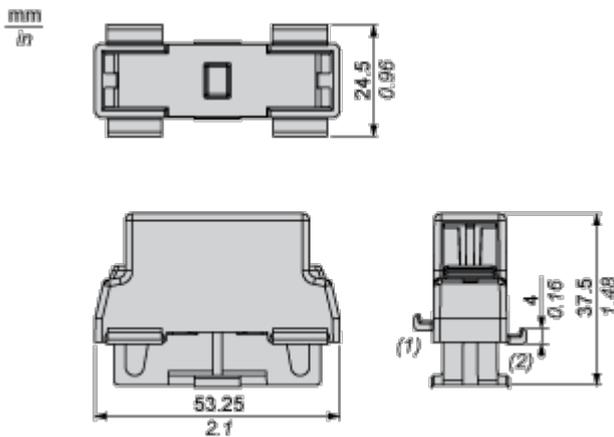
(1) Position 1

(2) Position 2

Sep 17, 2025

Installation Requirements

Mounting Angle

When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).
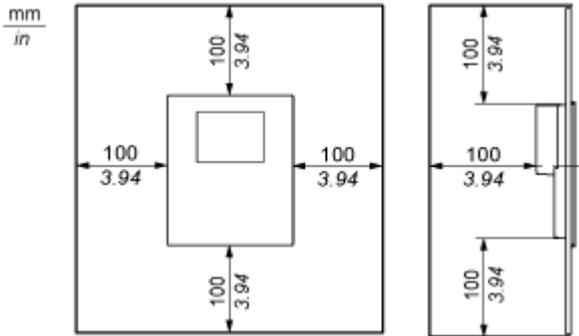
Clearance

Image of product / Alternate images

Alternative