Operator unit CDPX-X-B-W-7 Part number: 8155214





General operating condition

Mounting depth 29 mm Height 147 mm Ara 150 °C Ara mar Ming (see declaration of conformity) Ara El El El Col Directive In accordance with EU ROHS Directive In UK ROHS instructions Ara See declaration of conformity) Ara El El El Col Directive In accordance with EU ROHS Directive	Feature	Value
Height 147 mm January 158 mm Max. front panel thickness 5 mm Max. front panel thickness 6 mm Max. front panel thickness 7 mm Max. front panel thickness 8 mm Max. front panel mounting 100 pm Note on depree of protection 1 panel mounting 100 pm Note on materials 8 note on materials 8 note on materials 8 mm Max. front panel mounting 100 pm Max. front panel moun	Width	187 mm
Length 34 mm Max. front panel thickness 5 mm Real-time clock 7es Display Colours 64 k Display With backlighting 7es Display type TFI colour 7es Display type TFI colour 7es Display type TFI colour 7es Display size 7e 8es Colours 7e 8es Colours 8es Col	Mounting depth	29 mm
Max. front panel thickness 5 mm Real-time clock Yes Deviation, real-time clock 7 Yes Deviation, real-time clock 7 Yes Mith backlighting 7 With backlighting 7 TFT colour Display type 7 TFT colour Display size 7 Text colour Display size 8 Text colour Display size 9 Text colou	Height	147 mm
Real-time clock Deviation, real-time clock C 100 ppm at 25 °C Number of colours 64 k With backlighting Display Display type TFT colour Display characteristics Touchscreen Display size Anackup battery Display solution Nominal operating voltage DC Current consumption at nominal operating voltage CE mark (see declaration of conformity) UKCA marking (see declaration of conformity) To UK (nistructions for EMC To UK ROHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity Note on degree of protection Product weight Additional functions R5232 communication function Type of mounting Note on materials Note on materials R645 compliant 1 Foot panel mounting Front panel mounting Note on materials R645 compliant	Length	34 mm
Deviation, real-time clock \(\cdot \) 100 ppm at 25 °C \(\) Number of colours \(64 \) k \(\) With backlighting \(\) Display type \(\) TFT colour \(\) Display type \(\) TFT colour \(\) Display characteristics \(\) Touchscreen \(\) Display size \(\) 7" \(\) Backup battery \(\) Operational voltage range DC \(\) 10 V 32 V \(\) Display resolution \(\) 800x480 pixels \(\) Nominal operating voltage DC \(\) 24 V \(\) Current consumption at nominal operating voltage \(\) Approval \(\) CE mark (see declaration of conformity) \(\) To EU EMC Directive \(\) In accordance with EU ROHS Directive \(\) In accordance with EU ROHS Directive \(\) In UK ROHS instructions \(\) UKCA marking (see declaration of conformity) \(\) To EU Kinstructions for EMC \(\) To UK ROHS instructions \(\) UMA24364 zone III \(\) Storage temperature \(\) 20 °C 70 °C \(\) Relative air humidity \(\) 5 · 8.5% \(\) Non-condensing \(\) Degree of protection \(\) IP20 \(\) PP66 \(\) Note on degree of protection \(\) IP20 rear \(\) IP66 front \(\) Ambient temperature \(\) 0 °C 50 °C Note on ambient temperature \(\) for vertical mounting \(\) Product weight \(\) Additional functions \(\) RS232 communication function \(\) Type of mounting \(\) Font panel mounting \(\) ROHS-compliant	Max. front panel thickness	5 mm
Number of colours Display With backlighting	Real-time clock	Yes
Display by type TFT colour Display type TFT colour Display characteristics Touchscreen Display size 7" Backup battery Super capacitor Doperational voltage range DC 10 V 32 V Display resolution 800x480 pixels Nominal operating voltage DC 24 V Current consumption at nominal operating voltage 0.3 A Approval CUL us listed (OL) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU ROHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature 20 °C 70 °C Relative air humidity 5 .85 % Non-condensing Degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on aberiate temperature for vertical mounting Product weight Additional functions Type of mounting Front panel mounting Note on materials RoHS-compliant	Deviation, real-time clock	< 100 ppm at 25 °C
Display type TFT colour Display type TFT colour Display characteristics Touchscreen Display size 7" Super capacitor Operational voltage range DC 10 V 32 V Display resolution 800x480 pixels Nominal operating voltage DC Current consumption at nominal operating voltage 0.3 A Approval CL us listed (OL) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU ROHS Directive UKCA marking (see declaration of conformity) To UK ROHS instructions for EMC To UK ROHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature 2.20 °C 70 °C Relative air humidity 5 * 85 % Non-condensing Degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Front panel mounting Note on materials	Number of colours	64 k
Display characteristics Display size Display resolution Display resolution Nominal operating voltage DC Display resolution Nominal operating voltage DC Display resolution Display resplay resolution Display r	Display	With backlighting
Display size Backup battery Super capacitor Operational voltage range DC Display resolution S00x480 pixels Nominal operating voltage DC Current consumption at nominal operating voltage CE under tonsumption at nominal operating voltage CE mark (see declaration of conformity) CE mark (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity S - 85 % Non-condensing Degree of protection IP20 rear IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature O °C 50 °C Note on ambient temperature for vertical mounting Product weight Additional functions Type of mounting Note on materials RoHS-compliant	Display type	TFT colour
Backup battery Operational voltage range DC Display resolution Source apacitor Operational voltage range DC Display resolution Source apacitor Source ap	Display characteristics	Touchscreen
Operational voltage range DC Display resolution 800x480 pixels Nominal operating voltage DC Current consumption at nominal operating voltage Approval CE mark (see declaration of conformity) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU ROHS Directive UKCA marking (see declaration of conformity) To UK RoHS instructions for EMC To UK ROHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection P20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight Additional functions R S232 communication function Type of mounting Note on materials R OHS-compliant	Display size	7"
Display resolution 800x480 pixels Nominal operating voltage DC Current consumption at nominal operating voltage 0.3 A Approval CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU RoHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight Additional functions RS232 communication function Type of mounting Note on materials RoHS-compliant	Backup battery	Super capacitor
Nominal operating voltage DC Current consumption at nominal operating voltage Approval CE mark (see declaration of conformity) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU RoHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 rear IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Operational voltage range DC	10 V 32 V
Current consumption at nominal operating voltage Approval CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU RoHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Display resolution	800x480 pixels
Approval c UL us listed (OL) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU RoHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 -85 % Non-condensing Degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on abjent temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Nominal operating voltage DC	24 V
CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU RoHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Current consumption at nominal operating voltage	0.3 A
In accordance with EU RoHS Directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Approval	c UL us listed (OL)
To UK RoHS instructions LABS (PWIS) conformity VDMA24364 zone III Storage temperature -20 °C 70 °C Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions Type of mounting Note on materials ROHS-compliant	CE mark (see declaration of conformity)	
Storage temperature -20 °C 70 °C Relative air humidity 5 · 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions Type of mounting Note on materials ROHS-compliant	UKCA marking (see declaration of conformity)	
Relative air humidity 5 - 85 % Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature 0 ° C 50 ° C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	LABS (PWIS) conformity	VDMA24364 zone III
Non-condensing Degree of protection IP20 IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature O °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Storage temperature	-20 °C 70 °C
IP66 Note on degree of protection IP20 rear IP66 front Ambient temperature O °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Note on materials ROHS-compliant	Relative air humidity	
IP66 front Ambient temperature 0 °C 50 °C Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Front panel mounting Note on materials ROHS-compliant	Degree of protection	
Note on ambient temperature for vertical mounting Product weight 600 g Additional functions RS232 communication function Type of mounting Front panel mounting Note on materials ROHS-compliant	Note on degree of protection	
Product weight 600 g Additional functions RS232 communication function Type of mounting Front panel mounting Note on materials RoHS-compliant	Ambient temperature	0 °C 50 °C
Additional functions RS232 communication function Type of mounting Front panel mounting Note on materials ROHS-compliant	Note on ambient temperature	for vertical mounting
Type of mounting Front panel mounting Note on materials RoHS-compliant	Product weight	600 g
Note on materials RoHS-compliant	Additional functions	RS232 communication function
'	Type of mounting	Front panel mounting
Ethernet interface, connection type Socket	Note on materials	RoHS-compliant
	Ethernet interface, connection type	Socket

Feature	Value
Ethernet interface, connection system	RJ45
Ethernet interface, number of pins/wires	8
Ethernet interface, transmission rate	10/100 Mbit/s
Ethernet interface, function	Programming
USB interface, function	File transfer
USB interface, type of connection	Socket
USB interface, connection technology	USB 2.0 type A
Programming software	Designer Studio
CPU data	256 MB RAM