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General descriptionG30001705G30001805CertificationsCE, FLC, KCGeneral CirtikationsCE, FLC, KCMarine CirtikationsDNV, KR, GL, R, ABS, CC SULUL G1010-201Mechanical size145 × 104 × 50mMechanical size145 × 104 × 50mMechanical size130 × 89mmDruch type0.6 kgHousing materialPowder-coated atlumium, GrayPowerInput voltage 24 VD (18 to 32 VD) CT: The power supply must conform with the requirements for classing materialPower Consumption12WInput voltage 24 VD (18 to 32 VD) CT: The power supply must conform with the requirements for classing power supply must conform with the requirements for classing power supply must conform with the requirements for classing prover supply must conform with the requirements for classing prove supply must conform with th		X2 control 4	X2 control 7	
Certifications*     CE, RCC, KC       General     CE, RCC, KC       Marine     DW, KR, GL, IE, ABS, CCS       UL     UL       Wechanical size     145 × 104 × 50m       Wachanical size     136 × 104 × 50m       Touch type     Resistive       Cutout size     130 × 89mm       Housing material     Powder-coated aluminum, Gray       Power     Input voltage 24 VDC (18 to 32 VDC) CE. The power supply must conform with the requirements for class III power supples.       Power consumption     17W       Input voltage 24 VDC (18 to 32 VDC) CE. The power supply must conform with the requirements for class III power supples.       Power consumption     17W       Input voltage 24 VDC (18 to 32 VDC) CE. The power supply must conform with the requirements for class III power supples.       Power consumption     17W       Input voltage 24 VDC (18 to 32 VDC) CE. The power supply must conform with the requirements for class III power supples.       System     10LX60mall.ite, Dual Cortex- A9 1.0.GH3 517kBL2 acche       RAM     16B       FLASH     26B S50 (eMAC), 1.5GB free for application storage       Diplay     10LX60mall.ite, Dual Cortex- A9 1.0.GH3 517kBL2 acche       RAM     16B       Ste diagonal     4.3° diagonal       RLASH     26B S50 (eMAC), 1.5GB free for application storage       Diplay     1000 tous 18	General description			
GeneralCE, FCC, KCCMarineDIV, KR, GL, RASS, CCSULULWechanical Size145 × 104 × 50mmMechanical Size105 × 104 × 50mmYourby PP204 × 143 × 50mmYourby PP130 × 89mmYourby PP130 × 89mmWeight0.5 kgWeight0.5 kgHousing materialPowder-coated aluminum, GrayPowerPowerInput voltageInput voltage AV DC (Rs 10 2 VOD CE: The power supply must conform with the requirements according to IEC 60596 and IEC 6558 - 4.4. Lud AC LIT: The power supply must conform with the requirements for class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform supply must conform with the requirements for Class II power supply must conform with the requirements for Class II power supply must conform s	•	630001705	630001805	
Marine     DW, KR, GL, LR, ABS, CCS       UL     UL 6010-2-201       Wechanical size     145 ± 104 ± 50mm       Touch type     Resistive       Curb visize     130 ± 89mm       Housing material     0.5 kg       Housing material     Powder-coated aluminum, Gray       Power     Input voltage 24 VD C (18 to 32 VDC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 6158.6-XU. and cUL: The power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II power supply must conform with the requirements for class II forwer supplies.       Sptem     Industrial Time power supply must conform with the requirements for class II forwer supplies.       Sptem     Industrial DE fues       Sptem     ID Colortex A9 1.06H S12kB2Cache       RAM     16 B       Power on Class II forwer supply must conform with the requirements for class II forwer supplies.       Sptem     ID Solor A00 power supply must conform with the requirement for II must all all all for all all all all all all all al	Certifications*		1	
Marine     DW, KR, GL, LR, ABS, CCS       UL     UL GUID-2-201       Mechanical size     145 + 104 + 50mm       Touch type     204 + 143 + 50mm       Mechanical size     130 + 89mm       UL outs lize     130 + 89mm       Housing material     Power-coated aluminum, Gray       Power     Input voltage 24 VDC (18 to 32 VDC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 6158-24, 0L and CUL: The power supply must conform with the requirements for class II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power supply must conform with the requirements for CBC alses II power SUBMENDING II power supplies.       Stead algonal     12W     14.4W       BAC Alse II power supply     800 + 480 pixels       Backlight II fer time     50 000 hours       Backlight II fer time     50 000 hours       Backlight II fer time     50 000 hours       Backlight II fer time     30 0 cd/m <sup>2</sup> Backlight II fer time     30 0 cd/m <sup>2</sup>		CE. FC	сс. ксс	
UL     UL 61010-2:01       Mechanical     105 + 104 + 50mm     204 + 143 + 50mm       Mechanical Size     155 + 104 + 50mm     204 + 143 + 50mm       Touch type     Resistive     0.8 kg       Housing material     Powder-coated aluminum. Gray       Power     Input voltage     0.8 kg       Input voltage     Input voltage 24 V DC (18 to 32 V DC (2E: The power supply must conform with the requirements according to 156 695 0.4 u. Law power supply must conform with the requirements according to 156 695 0.0 and EC 6955 0.4 u. Law supply must conform with the requirements or class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class it power supply must conform with the requirements for class at power supply must conform with the requirements for cla				
Mechanical         Vestant type         Columb type <thcolumb th="" type<=""> <thcolumb th="" type<=""></thcolumb></thcolumb>				
Mechanical size         145 × 104 × 50m         204 × 143 × 50m           Tauch type         0.8 kg           Oct-oud size         130 × 89mm         0.8 kg           Weight         0.5 kg         0.8 kg           Housing material         Powder-coated aluminus, Gray         0.8 kg           Power         Input voltage         Input voltage 24 V DC (18 to 32 VUC) CE: The power supply must conform with the requirements according to 1EC 60950 and EC 0558 2+.4 UL and UL: The power supply must conform with the requirements for Class Inpower supply must conform with the requirements for Clas	-			
Tench type         Image: Second		1/15 × 10/1 × 50mm	20/ × 1/3 × 50mm	
Cut-out-size     130 + 89mm     189 + 128mm       Weight     0.5 kg     0.8 kg       Housing material     Powder-coated aluminum, Gray       Power     Input voltage     Input voltage 24 VDC (18 ho 32 VDC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 61558-2-4. UL and CUL: The power supply must conform with the requirements for class II power supplies.       Power consumption     12W     14.4W       Input Voltage     14.4W       System     16B       CPU     I.MK6DualLite, Dual Cortex-A9 1.06L*s 15xBL2cache       RAM     16B       Radiant     26B SSD(eMMC), 15.06 Free for application storage       Display     Size diagonal     7" diagonal       Size diagonal     4.3" diagonal     7" diagonal       Resolution     480 × 282 pixels     800 × 480 pixels       Backlight Itel time     50 000 hours     20 000 hours       Backlight brightness     300 cd/m²     350 cd/m²       Backlight brightness     300 cd/m²     350 cd/m²       Backlight brightness     3.5     Codesys Modbus RTU       Codesys functione version     3.5     Codesys Modbus RTU       Codesys Modbus RTU     Yes     Codesys Modbus RTU       Number of serial ports     1 Port 9pin DSUB       Serial port 2     1 Port 9pin DSUB       Serial port 2 <td></td> <td></td> <td></td>				
Weight         0.5 kg         0.8 kg           Housing material         Power         Power control aluminum, Gray           Input voltage         Input voltage 24 VDC (16 to 23 VDC) CE: The power supply must conform with the requirements according to 16E 669550 and 16E 61555.94, UL and CLU. The power supply must conform with the requirements for class II power supply must conform with the requirement for class II power supply must conform with the requirements for class II power supply must conform with the requirement for class II power supply must conform with the requirement for class II power supply must conform with the requirement for class II power supply must conform with the requirement for class II power supply must class II power supply must cl				
Housing material         Power           Input voltage         Input voltage 24 V DC (18 to 32 VC) CE: The power supply must conform with the requirements according to IEC 60950 and IEC 6058-2-4. UL and CUL: The power supples.           Power consumption         12W         I4.4W           Input fuse         Internal DC fuse           System         I4.4W           CPU         I.MX6DualLite, Dual Cortex-A9 1.061x512xBL2zache           RAM         16B           RAM         16B           RAM         208 SSD(eMMC), 15.06 Ter for application storage           Display         300 dA80 pixels           Size diagonal         4.3° diagonal           Assign tiffe time         50 000 hours           Backlight         Boot 480 pixels           Backlight dimming         Industrial Dimming           Display type         TFL-LO with LED backlight           Display pixel error         Class I (150 9241-307)           Softcortu         Codesys therCAT           Codesys therCAT         Yes           Codesys therCAT         Yes           Codesys thercat         Yes           Codesys thercat         Yes           Codesys dobus R1U         Yes           Codesys dobus R1U         Yes           Codesys dobus R				
Power           Input voltage         Input voltage 24 VDC (18 to 32 VDC) CE: The power supply must conform with the requirements according to IEC 60558 3-4. UL and cUL: The power supply must conform with the requirements for class II power supples.           Power consumption         12W         14.4W           Input tase         Internal DC fuse           System         16B         14.4W           CPU         I.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache         RAM           RAM         16B         17 <sup>o</sup> diagonal           Resolution         4.3° diagonal         7 <sup>o</sup> diagonal           Resolution         4.3° diagonal         7 <sup>o</sup> diagonal           Resolution         4.80 × 282 pixels         800 × 480 pixels           Backlight Fightness         300 cd/m <sup>2</sup> 350 cd/m <sup>2</sup> Backlight fightness         300 cd/m <sup>2</sup> 350 cd/m <sup>2</sup> Backlight role         160 × 480 pixels         800 × 480 pixels           Display type         17 <sup>-11</sup> LCD with LED backlight         100 bours           Backlight role         50 000 hours         20 000 hours           Backlight role         160 × 480 pixels         100 × 480 pixels           Display type         17 <sup>-11</sup> LCD with LED backlight         100 ± 00 × 480 pixels           Display pixele ror         Class N				
Input voltage         Input voltage 24 V DC (18 to 32 VDC) CE. The power supply must conform with the requirements according to IEC 60950 and IEC 6058-24. UL and CUE: The power supply must conform with the requirements for class I power supply must conform power supply must conform power supply must conform power supply must confor		i owder-coated		
Input fuseInternal DC fuseSystemCPUi.MX6DualLite, Dual Cortex - A J IGBH 2 S12kBL2cacheRAM1GBFLASH2GB SSD[edMC), 1.5GB free for application storageDisplaySize diagonalKesolution4.3° diagonalResolution480 × 282 pixelsBacklight Iffet ine50 000 hoursBacklight Britherine20 000 hoursBacklight Britherine300 cd/m²Backlight Dirghtness300 cd/m²Backlight Jorghtness300 cd/m²Backlight Jorght JorghtClass I (SU-9241-307)SoftcortolCodesys Kodbus EthernetCodesys Kodbus EthernetYesCodesys Modbus RTUYesCodesys Modbus RTUYesSoftal port31 Port 9 Jor DSUBSerial port41 1 × 10/100 Base-T (shielded RI45)Ethernet port11 × 10/100 Base-T (shielded RI45) <trr>Ethernet port31 × 10/100 Case-T</trr>				
System         Solution           CPU         i.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache           RAM         1GB           FLASH         2GB SSD(eMMC), 1.5GB free for application storage           Display         Tridiagonal           Size diagonal         4.3" diagonal           Resolution         460 - 282 pixels           Backlight         B00 + 480 pixels           Backlight Dirghtness         300 cd/m²           Backlight Dirghtness         300 cd/m²           Backlight Dirghtness         300 cd/m²           Backlight Dirghtness         300 cd/m²           Backlight System         TFT-LCD with LED backlight           Display type         TFT-LCD with LED backlight           Display type         TFT-LCD with LED backlight           Codesys runtime version         3.5           Codesys fundbus RTU         Yes           Codesys Modbus RTU         Yes           Serial port 2         RS422/485           Serial port 2         RS422/485           Serial port 2         RS485 (only IF COM	Power consumption	12W	14.4W	
CPU       i.MX6DualLite, Dual Cortex-A9 1.06H2 512kBL2cache         RAM       1GB         FLASH       2GB SSD(eMMC), 1.5GB free for application storage         Display       800 + 480 pixels         Size diagonal       4.3" diagonal         Resolution       480 + 282 pixels       800 + 480 pixels         Backlight       LED Backlight         Backlight life time       50 000 hours       20 000 hours         Backlight miming       Industrial Dimming         Display type       TFT-LCD with LED backlight         Display pixel error       Class I (ISD9241-307)         Softcontrol       Codesys StherCAT         Codesys StherCAT       Yes         Codesys Gubdus RTU       Yes         Codesys Modbus RTU       Yes         Comminication serial       1Port 9pin DSUB         Serial port 1       R5422/A85         Serial port 2       R54232 (RTS/CTS)         Serial port 3       R5428 (only if COM 2 is R5485)         Ethernet opert 1       1 × 10/100 Base-T (shielded RI45)         Etherret oft 1 <t< td=""><td>Input fuse</td><td>Interna</td><td>l DC fuse</td></t<>	Input fuse	Interna	l DC fuse	
RAM     168       PLASH     26B SSD(eMMC), 1,56B free for application storage       Display        Size diagonal     4.3" diagonal       Resolution     480 × 282 pixels     800 × 480 pixels       Backlight     LED Backlight       Backlight for time     50 000 hours     20 000 hours       Backlight for time     50 000 hours     20 000 hours       Backlight gintming     Industrial Dimming       Display type     TFT-LCD with LED backlight       Display type     TFT-LCD with LED backlight       Display type     TFT-LCD with LED backlight       Oddesys functime version     3.5       Codesys functime version     3.5       Codesys Modbus RTU     Yes       Codesys Startified Port S     2       Serial port 1     1 Port 9pin DSUB       Serial port 2     RS422/485       Serial port 3     RS485 (only if COM 2 is RS485)       Ethernet communication     2       Lethernet port 3     2       Serial port 4     1 10/100 Base-T (shielded R/45)       Ethernet port 5     2	System			
FLASH       2GB SSD(eMMC), 1.5GB free for application storage         Display	CPU	i.MX6DualLite, Dual Cortex-A9 1.0GHz 512kBL2cache		
Display           Size diagonal         4.3" diagonal         7" diagonal           Resolution         480 × 282 pixels         800 × 480 pixels           Backlight         EED Backlight         800 × 480 pixels           Backlight the time         50 000 hours         20 000 hours           Backlight the time         300 cd/m³         350 cd/m³           Backlight the time         10 duttital timming         10 duttital timming           Display type         TFL-LCD with LED backlight         10 duttital timming           Odesys runtime version         3.5         Codesys function         Codesys function           Codesys StherCAT         Yes         Codesys Modbus RTU         Yes           Codesys Modbus RTU         Yes         Codesys Modbus RTU         Yes           Codesys Modbus RTU         Yes         Codesys function serial         Codesys function serial           Number of serial ports         1 Port 9pin DSUB         Serial port 1         Serial port 2         RS422/485           Serial port 1         RS428 (only if COM 2 is RS485)         E	RAM			
Size diagonal4.3" diagonal7" diagonalResolution480 × 282 pixels800 × 480 pixelsBacklightLED BacklightBacklight life time50 000 hours20 000 hoursBacklight timmingIndustrial DimmingBacklight spitness300 cd/m³350 cd/m³Backlight spitness300 cd/m³350 cd/m³Backlight spitness300 cd/m³100 spitnessBacklight spitness300 cd/m³350 cd/m³Backlight spitness300 cd/m³350 cd/m³Backlight spitness300 cd/m³350 cd/m³Backlight spitness300 cd/m³350 cd/m³Backlight spitness100 spitness350 cd/m³Codessy Sudbus EthernetYesCodessy Shodbus EthernetCodessy Shodbus EthernetYesCodessy Shodbus EthernetCodessy Shodbus EthernetYesCodessy Shodbus EthernetNumber of serial ports1 Port9 in DSUBSerial port 2Serial port 1RS 232 (PTS/CTS)Serial port 3Serial port 2RS422/485Serial port 32Ethernet port 11 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 32So cardSD and SDHCUSB1 × 10/100 Base-T (shielded RJ45)Ethernet port 4-10°C to +60°CSo cardSD and SDHCUSB-10°C to +60°CStorage temperature-20°C to +70°CShock15g, half-sine, 11m saccording to 1EC Gode8-27Vibratio	FLASH			
Resolution480 × 282 pixels800 × 480 pixelsBacklightLED BacklightBacklight life time50 000 hours20 000 hoursBacklight hightness300 cd/m²350 cd/m²Backlight hightness300 cd/m²100 ustrial DimmingDisplay typeIndustrial Dimming10 ustrial Display typeDisplay pixel errorClass I (ISO=y241-307)Softcontol3.5Codesys runtime version3.5Codesys EtherCATYesCodesys Mobus EthernetYesCodesys Mobus RTUYesCodesys Mobus RTUYesCodesys Mobus RTIPort 9pin DSUBSerial ports1 Port 9pin DSUBSerial port 2R5422/485Serial port 3RS4285 (only if COM 2 is RS485)Ethernet port 11 × 10/100 Base-T (shielded R]45)Ethernet port 21 × 10/100 Base-T (shielded R]45)Ethernet port 2Sa ond SDHCSo cardSD and SDHCUSB1 × USB 2.0 500mAEnvironmental-00°C to +70°CStorage temperature-20°C to +70°CShock15g, half-sine, 11m sa ccording to IEC60068-2:27Vibration1g, according to IEC60068-2:27Vibration1966, NEMA 4X/12 and UL Type 4X/12Sealing backIP20	Display			
BacklightLED BacklightBacklight life time\$0 000 hours20 000 hoursBacklight life time\$0 000 hours350 cd/m²Backlight dimmingIndustrial Dimming350 cd/m²Display typeTFF-LCD with LED backlightDisplay pixel errorClass I (ISO9241-307)SoftcortolCCodesys EtherCATYesCodesys EtherCATYesCodesys Modbus EthernetYesCodesys Modbus RTUYesCodesys Intime version1 Port 9pin DSUBSerial port 1Port 9pin DSUBSerial port 2RS422/485Serial port 3RS423 (RTS/CTS)Serial port 3RS423 (RTS/CTS)Serial port 41 * 10/100 Base-T (shielded RJAS)Ethernet port 52Ethernet port 11 * 10/100 Base-T (shielded RJAS)Ethernet faceVes, ciX expansion moduleSD cardSD and SDHCUSB1 * USB 2.0 SOMAEnvironmental-10°C to +60°CStorage temperature-20°C to +70°CShock15g, half-sine, 1tm according to IEC60068-2:07Vibration1g, according to IEC 60068-2:07Soland back1P66, NEMA 4X/12 and UL Type 4X/12Sealing backIP20	Size diagonal	4.3" diagonal	7" diagonal	
BacklightLED BacklightBacklight life time50 000 hours20 000 hoursBacklight life time50 000 hours350 cd/m²Backlight dimmingIndustrial DimmingDisplay typeDisplay typeTFT-LCD with LED backlightDisplay pixel errorClass I (ISO9241-307)SoftcortolCodesys EtherCATCodesys EtherCATYesCodesys Modbus EthernetYesCodesys Modbus EthernetYesCodesys Modbus RTUYesCodesys Intime version1 Port 9pin DSUBSerial port 11 Port 9pin DSUBSerial port 2RS422/485Serial port 3RS422/485Serial port 3RS4285 (only if COM 2 is RS485)Ethernet port 11 * 10/100 Base-T (shielded RJ45)Ethernet port 21 * 10/100 Base-T (shielded RJ45)Ethernet port 1SD and SDHCUSB1 * Ves, ciX expansion moduleSD cardSD and SDHCUSB10°C to +60°CStorage temperature-20°C to +70°CShock15g, half-sine, 11m according to IEC60068-227Vibration1g, according to IEC60068-227Vibration1966, NEMA 4X/12 and UL Type 4X/12Sealing backIP20	Resolution	480 × 282 pixels		
Backlight life time50 000 hours20 000 hoursBacklight brightness300 cd/m²350 cd/m²Backlight brightness300 cd/m²350 cd/m²Backlight dimmingIndustrial DimmingDisplay pixel errorClass I (SUSP241-307)Class I (SUSP241-307)Class I (SUSP241-307)3.5Codesys EtherCATYesYesYesYesYesYesYesYesYesSerial port 1Port 9pin DSUBSerial port 2Serial port 2Serial port 2Serial port 2Serial port 2Serial port 1Serial port 1Serial port 2Serial port 2Serial port 1Serial port 1Serial port 1Serial port 1Serial port 1Serial port 1 </td <td>Backlight</td> <td></td> <td>1</td>	Backlight		1	
Backlight brightness300 cd/m²350 cd/m²Backlight dimmingIndustrial DimmingDisplay typeTFT-LCD with LED backlightDisplay typeClass I (S⊃9241-307)SoftcontrolSoftcontrolCodesys runtime version3.5Codesys EtherCATYesCodesys Modbus RTUYesCodesys Modbus RTUYesSoftantrolYesCodesys Modbus RTUYesSoftantrolYesCodesys Modbus RTUYesSoftantrolYesSoftantrolYesCodesy Modbus RTUYesSoftantrolYes <trr>Softantrol<td></td><td></td><td></td></trr>				
Backlight dimming     Industrial Dimming       Display type     TFT-LCD with LED backlight       Display pixel error     Class I (ISO 9241-307)       Softcontrol     Codesys runtime version       Codesys runtime version     3.5       Codesys gruntime version     9.5       Codesys Modbus Ethernet     Yes       Codesys Modbus Ethernet     Yes       Codesys Modbus RTU     Yes       Codesys Modbus RTU     Yes       Codesys Modbus RTU     Yes       Codesys Modbus Protein     Yes       Codesys Modbus RTU     Yes       Serial port Serial ports     1 Port 9pin DSUB       Serial port 1     RS 422/485       Serial port 2     RS 485 (only if COM 2 is RS 485)       Ethernet communication     2       Number of ethernet port 1     1 × 10/100 Base-T (shielded RJ45)       Ethernet port 1     1 × 10/100 Base-T (shielded RJ45)       Ethernet port 1     1 × 10/100 Base-T (shielded RJ45)       Ethernet port 1     1 × 10/100 Base-T (shielded RJ45)       Ethernet port 2     1 × 10/100 Base-T (shielded RJ45)       Ethernet port 2     SD and SDHC       USB     <		300 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	
Display typeTFF-LCD with LED backlightDisplay pixel errorClass I (ISO 9241-307)Softcortrol				
Display pixel error Class I (ISO9241-307) Softcontrol Codesys runtime version Codesys ther CAT Codesys Modbus Ethernet Codesys Modbus Ethernet Codesys Modbus KTU Number of serial ports Serial port 1 Serial port 2 Serial port 2 Serial port 2 Serial port 3 Serial port 3 Serial port 3 Serial port 3 Serial port 4 Serial port 2 Serial port 3 Serial port 2 Serial port 3 Serial port 2 Serial port 2 Serial port 4 Serial port 5 Serial port 5 Serial port 5 Serial port 7 Serial port 7 Serial port 7 Serial port 7 Serial port 8 Serial port 1 Serial port 1 Serial port 1 Serial port 1 Serial port 2 Serial port 1 Serial port 2 Serial port 2 Serial port 2 Serial port 3 Serial port 4 Serial port 4 Serial port 4 Serial port 5 Serial port 4 Serial port 5 Serial port 5 Serial port 4 Serial port 5 Serial port 6 Serial port 1 Serial port 6 Serial port 1 Serial port 1 Serial port 2 Serial port 2 Serial port 1 Serial port 2 Serial port 1 Serial port 2 Serial port 1 Serial port 2 Serial port 2 Serial port 1 Serial port 1 Serial port 1 Serial port 1 Serial port 2 Serial port 1 Serial port 2 Serial				
Softcontrol         Codesys runtime version       3.5         Codesys EtherCAT       Yes         Codesys Modbus Ethernet       Yes         Codesys Modbus Ethernet       Yes         Codesys Modbus RTU       Yes         Communication serial       Number of serial ports         Serial port 1       RS 232 (RTS/CTS)         Serial port 2       RS422/485         Serial port 3       RS485 (only if COM 2 is RS485)         Ethernet communication       2         Number of ethernet ports       2         Ethernet port 1       1 × 10/100 Base-T (shielded RJ45)         Ethernet port 2       1 × 10/100 Base-T (shielded RJ45)         Ethernet port 3       2         Ethernet port 4       Yes, ciX expansion module         SD card       SD and SDHC         USB       1 × USB 2.0 500mA         Environmental       -10°C to +60°C         Storage temperature       -20°C to +70°C         Shock       15g, half-sine, 11ms according to IEC60068-2-27         Vibration       1g, according to IEC 60068-2-6, Test Fc         Sealing front       IP66, NEMA 4X/12 and UL Type 4X/12         IP20       IP20				
Codesys runtime version3.5Codesys EtherCATYesCodesys Modbus EthernetYesCodesys Modbus RTUYesCodesys Modbus RTUYesCommunication serialYesNumber of serial ports1 Port 9pin DSUBSerial port 1RS 232 (RTS/CTS)Serial port 2RS422/485Serial port 3RS485 (only if COM 2 is RS485)Ethernet communication2Number of ethernet ports2Ethernet port 11 * 10/100 Base-T (shielded RJ45)Ethernet port 21 * 10/100 Base-T (shielded RJ45)Ethernet port 3Yes, ciX expansion moduleSo cardSD and SD HCUSB1 × USB 2.0 500mAEnvironmental-10°C to +60°CStorage temperature-20°C to +70°CShock15g, half-sine, 11ms according to IEC60068-2-27Vibration1g, according to IEC 60068-2-6, Fest FcSealing frontIP66, NEMA 4X/12 and UL Type 4X/12Sealing backIP20				
Codesys EtherCATYesCodesys Modbus EthernetYesCodesys Modbus RTUYesCommunication serialYesNumber of serial ports1 Port 9pin DSUBSerial port 1RS 232 (RTS/CTS)Serial port 2RS422/485Serial port 3RS485 (only if COM 2 is RS485)Ethernet communication2Number of ethernet ports2Ethernet port 11 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 3Yes, ciX expansion moduleSD cardSD and SDHCUSB1 × US2 0.000mAEnvironmental-00°C to +60°COperating temperature-20°C to +70°CShock15g, half-sine, 11ms according to IEC60068-2-27Vibration1966, NEMA 4X/12 and UL Type 4X/12Sealing frontIP66, NEMA 4X/12 and UL Type 4X/12		3	3.5	
Codesys Modbus EthernetYesCodesys Modbus RTUYesCommunication serial1 Port 9pin DSUBNumber of serial ports1 Port 9pin DSUBSerial port 1RS 232 (RTS/CTS)Serial port 2RS422/485Serial port 3RS422/485Serial port 3RS422/485Serial port 4RS422/485Serial port 5RS425 (only if COM 2 is RS485)Ethernet communicationNumber of ethernet portsNumber of ethernet ports2Ethernet port 11 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 11 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 11 × 10/100 Base-T (shielded RJ45)Ethernet port 21 × 10/100 Base-T (shielded RJ45)Ethernet port 3Yes, ciX expansion moduleSD cardSD and SDHCUSB1 × USB 2.0 SOUMAEnvironmental-0°C to +60°COperating temperature-10°C to +60°CStorage temperature-20°C to +70°CShock15g, half-sine, 11ms according to IEC60068-2:27Vibration1g, according to IEC 60068-2:47, Test FcSealing frontIP66, NEMA 4X/12 and UL Type 4X/12Sealing poackIP20	,			
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Environmental         Operating temperature         Operating temperature         -10°C to +60°C         Storage temperature         -20°C to +70°C         Shock         15g, half-sine, 11ms according to IEC60068-2-27         Vibration         1g, according to IEC 60068-2-6, Test Fc         Sealing front       IP66, NEMA 4X/12 and UL Type 4X/12         IP65, NEMA 4X/12 and UL Type 4X/12         IP20				
Operating temperature     -10°C to +60°C       Storage temperature     -20°C to +70°C       Shock     15g, half-sine, 11ms according to IEC60068-2-27       Vibration     1g, according to IEC 60068-2-6, Test Fc       Sealing front     IP66, NEMA 4X/12 and UL Type 4X/12       IP20		1×USB 2	.U SUUMA	
Storage temperature     -20°C to +70°C       Shock     15g, half-sine, 11ms according to IEC60068-2-27       Vibration     1g, according to IEC 60068-2-6, Test Fc       Sealing front     IP66, NEMA 4X/12 and UL Type 4X/12       IP66, NEMA 4X/12 and UL Type 4X/12     IP65, NEMA 4X/12 and UL Type 4X/12       Sealing back     IP20			(200	
Shock     15g, half-sine, 11ms according to IEC60068-2-27       Vibration     1g, according to IEC 60068-2-6, Test Fc       Sealing front     IP66, NEMA 4X/12 and UL Type 4X/12       IP66, NEMA 4X/12 and UL Type 4X/12     IP65, NEMA 4X/12 and UL Type 4X/12       Sealing back     IP20				
Vibration     1g, according to IEC 60068-2-6, Test Fc       Sealing front     IP66, NEMA 4X/12 and UL Type 4X/12       Sealing back     IP20				
Sealing front         IP66, NEMA 4X/12 and UL Type 4X/12         IP65, NEMA 4X/12 and UL Type 4X/12           Sealing back         IP20				
Sealing back IP20				
Humidity 5% – 85% non-condensed	Sealing back	IP20		
	Humidity	5% – 85% non-condensed		



X2 coi	X2 control 10
6400	630001905
0400	030001903
CE, FC	
DNV, KR, GL	
UL 610	
340×24	292 × 194 × 52 mm
Res	
324 ×	275 × 177 mm
2.	1.65 kg
Powder-coated	
ver supply must conform v oply must conform with the	Input voltage 24 V DC (18 to 32 VDC) CE: 1 The pov
28	21.6W
Interna	
i.MX6Quad, Quad ARMCo	
2	
2GB SSD(eMMC), 1.5GB f	
12.1" d	10.1" diagonal
1280 × 8	1024 × 600 pixels
LED B	
50 00	500 et/
400	500 cd/m²
Industria TFT-LCD with	
Class I (IS	
Ciuss I (15	
3	
Ŷ	
Ŷ	
γ	
1 Port 9	
RS232 (	
RS42	
RS485 (only if	
1×10/100 Raco	
1×10/100 Base	
1×10/100 Base 1×10/100 Base	
1×10/100 Base	
1×10/100 Base Yes, ciX expa	
1×10/100 Base Yes, ciX expa SD an	
1×10/100 Base Yes, ciX expa SD an	
1×10/100 Base Yes, ciX expa SD an 2×USB 2	
1×10/100 Base Yes, ciX expa SD an 2×USB 2 -10°C t	
1×10/100 Base Yes, ciX expa SD an 2×USB 2 -10°C t -20°C t	
1×10/100 Base Yes, ciX expa SD an 2×USB 2 -10°C t -20°C 1 15g, half-sine, 11ms acc	
1×10/100 Base Yes, ciX expa SD an 2×USB 2 -10°C t -20°C t 15g, half-sine, 11ms acc 1g, according to IEt	

\*Certifications pending. Please refer to www.beijerelectronics.com/x2 for detailed status.



ontrol 12	X2 control 15			
002205	640002405			
FCC, KCC				
L, LR, ABS, CCS				
010-2-201				
242 × 57 mm	410 × 286 × 61 mm			
sistive				
× 226 mm	394 × 270mm			
.6 kg	3.85 kg			
d aluminum, Gray				
with the requirements according to IEC 60950 and IEC 61558-2-4. UL and cUL: ne requirements for class II power supplies.				
8.8W	31.2W			
al DC fuse				
ortex-A9 1.0GHz 1MBL2cache				
2 GB				
free for application storage				
diagonal	15.4" diagonal			
800 pixels	1280 × 800 pixels			
Backlight				
00 hours				
0 cd/m²	450 cd/m²			
ial Dimming				
h LED backlight				
S09241-307)				
3.5				
Yes				
Yes				
Yes				
9pin DSUB				
(RTS/CTS)				
422/485				
f COM 2 is RS485)				
,				
2				
e-T (shielded RJ45)				
e-T (shielded RJ45)				
,				
oansion module				
nd SDHC				
2.0 500mA				
to +60°C				
to +70°C				
ccording to IEC60068-2-27				
EC 60068-2-6, Test Fc				
12 and UL Type 4X/12				
IP20				
10n-condensed				