



NRAQ7.E238705 Programmable Controllers Certified for Canada

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Programmable Controllers Certified for Canada

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PHOENIX CONTACT GMBH & CO KG

E238705

FLACHSMARKTSTRASSE 8
32825 BLOMBERG, GERMANY

Investigated to CAN/CSA C22.2 No. 142

Accessory Open type 1 Channel PA Coupler Non EX or 1 Channel PA Link Non EX Model(s) FB-PA/SC

Accessory Open type 1 Channel Repeater Model(s) FB-DP-RPTR

Accessory Open type 1 Channel Scope Model(s) FB-DP-RPTR/SC

Accessory Open type 2 Channel Repeater Model(s) FB-DP-2-RPTR

Accessory Open type Backplane unit Model(s) FB-1BP

AS-I gateways Model(s) FLX ASI MA 2 PB EF, FLX ASI MA PB SF

Bluetooth ethernet port adapters Model(s) FL BT EPA MP/2701416, FL BT EPA/2692788

Cox Type research dual sensors, open type Model(s) 2900026

Cox Type research dual transceivers, open type Model(s) 2900745

Enclosed, Programmable controllers Model(s) BL PPC 3000, BL PPC 7000, BL PPC15 3000, BL PPC15 7000, BL PPC17 3000, BL PPC17 7000, DL PPC15 1000, DL PPC15M 1000, DL PPC15M 7000, DL PPC18.5M 7000, DL PPC21.5M 7000, Valueline PPC 3000

Factory line modules, open type Model(s) FL COMSERVER BASIC 232/422/485, FL COMSERVER PRO 232/422/485, FL COMSERVER UNI 232/422/485, FL COMSERVER WLAN 232/422/485, FL MC EF 1300*, FL MC EF WDM*, FL RED 2001E DLR 2LC, FL RED 2001E DLR 2LC SM, FL RED 2001E HSR 2LC, FL RED 2001E HSR 2LC SM, FL RED 2001E PRP 2LC, FL RED 2001E PRP 2LC SM, FL RED 2003E DLR, FL RED 2003E HSR, FL RED 2003E PRP, FL WLAN 5101, PSI-WL-RS232-RS485/BT/2DO, PSI-WL-RS232-RS485/BT/HL

Interface modules Model(s) FL BLUETOOTH AP 2737999, FL BT MOD IO AP 2884758

Listed Programmable Controllers Model(s) RESYGATE 1000, RESYGATE 3000

VL BPC MINI, VL BPC 1000, VL BPC 1001, BL BPC 2000 and BL BPC 2001.

Nanoline Series base units, relay outputs, open type Model(s) nLC-050-024D-06I-04QRD-05A, nLC-050-024X-08I-04QRX-05A, nLC-050-100A-08I-04QRA-05A, nLC-055-012D-08I-04QRD-05A, nLC-055-024D-08I-04QRD-05A, nLC-055-100A-08I-04QRA-05A

Nanoline Series base units, transistor outputs, open type Model(s) nLC-050-024D-06I-04QTN-00A, nLC-050-024D-06I-04QTN-01A, nLC-050-024D-06I-04QTP-00A, nLC-050-024D-06I-04QTP-01A, nLC-055-024D-08I-04QTP-00A

Nanoline Series clock units, open type Model(s) nLC-MOD-RTC

Nanoline Series communication modules, open type Model(s) nLC-COM-CELLULAR-CDMA, nLC-COM-ENET-MB1

Nanoline Series expansion outputs, open type Model(s) nLC-IO-03I-04QRD-05A, nLC-IO-06I-04QTN-01A, nLC-IO-06I-04QTP-00A, nLC-IO-06I-04QTP-01A, nLC-IO-4AI, nLC-IO-2AI-2AO-01

Nanoline Series operator panels, open type Model(s) nLC-OP1-LCD-032-4X20

Nanoline Series programming units, open type Model(s) nLC-MOD-RS232, nLC-MOD-RS485, nLC-MOD-USB

Open Type, Factory Line Module Model(s) FL MGuard RS2000 TX/TX-B

MACX PL-EX-T-UI followed by alphanumeric code

MACX PL-EX-T-UIREL followed by alphanumeric code

MACX PL-T-UI followed by alphanumeric code

MACX PL-T-UIREL followed by alphanumeric code

Open type, Programmable controllers Model(s) AXL BK PN, AXL BK PN-ME AXL F BK ETH, AXL F BK PB, AXL F BK EC, AXL F BK PN, AXL F BK S3, AXL F BK SAS, AXL F BK ETH, AXL F BK EIP, AXC 1050, AXC 1050/XC, AXL F DI32/1 1F, AXL F DI32/1 2H, AXL F DI16/4 2F, AXL F DI16/1 1H, AXL F DI16/1 HS 1H, AXL F DI64/1 2F, AXL F DO16/3 2F, AXL DO32/1 1F, AXL F DO64/1 2F, AXL F DO16/1 1H, AXL F DO16 FLK 1H, AXL F DO8/2-2A 1H, AXL F AI8 1F, AXL F AI8 W 1F, AXL F AI 4 I 1H, AXL F AI4 U 1H, AXL F RTD8 1F, AXL F RTD8 S 1F, AXL F RTD4 1H, AXL F UTH4 1H, AXL F UTH8 1F, AXL F AO8 1F, AXL F AO4 1H, AXL F INC2 1F, AXL F CNT2 INC2 1F, AXL F SSI1/AO1 1H, AXL F RS UNI 1H, AXL F DI8/1 DO8/1 1H, AXL F DI8/3 DO8/3 2H, AXL F PWR 1H, AXL F PSDI8/4 1F, AXL F PSDO8/3 1F, AXC BS, AXL F BS F, AXL F BS H, AXL F BS H PWR, and AXL F BS BK, all models may be followed by -XC.

BL BPC 3000, BL BPC 3001, BL BPC 7000, BL BPC 7001, FB-HSA, FB-HSB, FB-HSC, FL MGuard RS2000 TX/TX VPN-T, FL MGuard RS2005 TX VPN, FL MGuard RS4000 TX/TX VPN-T, FL MGuard RS4000 TX/TX-P, FL MGuard RS4000 TX/TX-T, FL MGuard RS4004 TX/DTX, FL MGuard RS4004 TX/DTX VPN, IFS-OP-CRADLE, IFS-OP-UNIT, IFS-USB-PROG-ADAPTER

MACX MCR-EX-T-UI followed by alphanumeric code

MACX MCR-EX-T-UIREL followed by alphanumeric code

MACX MCR-SL-2NAM-R-UP, MACX MCR-SL-2NAM-R-UP-SP, MACX MCR-SL-2NAM-RO, MACX MCR-SL-2NAM-RO-SP, MACX MCR-SL-2NAM-T, MACX MCR-SL-2NAM-T-SP, MACX MCR-SL-IDS-I, MACX MCR-SL-IDS-I-SP, BTA211-Y0, MACX MCR-SL-NAM-2RO, MACX MCR-SL-NAM-2RO-SP, MACX MCR-SL-NAM-2T, MACX MCR-SL-NAM-2T-SP, MACX MCR-SL-NAM-R, MACX MCR-SL-NAM-R-SP, MACX MCR-SL-RPSSI-I, MACX MCR-SL-RPSSI-I-SP, BTS211-Y0, MACX MCR-SL-RPSSI-I-UP, MACX MCR-SL-RPSSI-I-UP-SP, BTS311-Y0,, MACX MCR-SL-RTD-I, MACX MCR-SL-RTD-I-NC, MACX MCR-SL-RTD-I-SP, MACX MCR-SL-RTD-I-SP-NC, MACX MCR-SL-TC-I, MACX MCR-SL-TC-I-NC, MACX MCR-T-UI followed by alphanumeric code

MACX MCR-T-UIREL followed by alphanumeric code

MINI MCR-2-T-2RO, MINI MCR-2-T-2RO-PT, MINI MCR-2-T-REL, MINI MCR-2-T-REL-PT, nLC-035-024D-04I-02QRD-05A, nLC-040-024D-04I-02QRD-05A, nLC-COM-CELLULAR-CDMA, nLC-IO-03I-04QRA-05A, nLC-IO-2RTD/UTH-4QTP-01A, nLC-IOX-04I-02QRD-05A, nLC-OP2-LCD-076-4X20, RAD-2400-IFS, RAD-2400-IFS-PT, RAD-900-IFS, RAD-AI4-IFS, RAD-AI4-IFS-PT, RAD-AO4-IFS, RAD-DAIO6-IFS, RAD-DAIO6-IFS-PT, RAD-DI4-IFS, RAD-DI4-IFS-PT, RAD-DI8, RAD-DO8, RAD-DOR4-IFS, RAD-DOR4-IFS-PT, RAD-PT100-4, RAD-RS485-IFS, TC MOBILE I/O X200 AC*, TC MOBILE I/O X300 AC*, TC MOBILE I/O X300*, ValueLine BPC 3000, VL IPC P7000

Operating panels Model(s) 2913085 TP 07T, 2985136 OT 4M, 2985149 OT 6M, 2985152 TP 04M, 2985165 TP 06M, 2985178 TP 06S, 2985181 TP 10T, 2985194 TP 12T, 2985204 TP 15T, C2985123 OT 3M, CP 306T STUDIO-IB, CP 310T STUDIO-IB, CP 312T STUDIO-IB, CP215IB, CP222IB, TP 1640IB, TP 420IB, TP 840IB, WP 06S/701901, WP 10T/701900, WP 15T/702900

Programmable controllers Model(s) ASI IO FL AI 4/2 RTD, BL PPC 1000, BL PPC12 1000, BL PPC15 1000, CLOUD COUPLER-PRO, CSD309, EM-DUO-120-/GFI/AUX, 5600639, EM-DUO-120-GFI/AUX/NO, 5602192, EM-DUO-120/15, 5600461, EM-DUO-120/15-SPLIT, 5604067, EM-DUO-120/15/GFI, 5600462, EM-DUO-120/15/GFI/V/H, 5604775, EM-DUO-120/15/IG, 5601677, EM-DUO-120/15/SPD, 5601283, EM-DUO-120/15/SPD/AUX, 5604063, EM-DUO-120/15/SWA, 5604433, EM-DUO-120/15/SWM, 5604434, EM-DUO-120/15/SWO, 5602292, EM-DUO-120/15/V/H, 5604747, EM-DUO-120/20, 5600525, EM-DUO-120/20-GFI, 5602519, EM-DUO-120/20/GFI/AUX, 5603049, EM-DUO-120/20/GFI/V/H, 5604777, EM-DUO-120/20/SWA, 5604435, EM-DUO-120/20/SWM, 5604436, EM-DUO-120/20/SWO, 5603890, EM-DUO-120/20/V/H, 5604776, EMG30-SD/US /15A, 5604253, IBS DSUB 9/L

MINI MCR SL-F-UI(-SP)(-NC), MINI MCR-RTD-UI(-SP)(-NC), MINI MCR-TC-UI(-NC), MINI MCR-SL-FM-RC(-SP)(-NC), MINI MCR-SL-PTB-FM(-SP), MINI MCR-SL-FM-RC(-NC), MINI MCR-SL-RPSS-I-I(-SP)(-NC) and MINI MCR-SL-IDS-I-I(-SP)(-NC).

MINI MCR SL-F-UI, MINI MCR SL-F-UI-SP-NC, MINI MCR SL-F-UI-SP, MINI MCR-RTD-UI, MINI MCR SL-F-UI-NC, MINI MCR-RTD-UI-SP-NC, MINI MCR-RTD-UI-SP, MINI MCR-TC-UI, MINI MCR-RTD-UI-NC, MINI MCR-SL-FM-RC-SP-NC, MINI MCR-SL-FM-RC-SP, MINI MCR-TC-UI-NC, MINI MCR-SL-PTB-FM, MINI MCR-SL-PTB-FM-SP and MINI MCR-SL-FM-RC, MINI MCR-SL-FM-RC-NC, MINI MCR-SL-RPSS-I-I, MINI MCR-SL-RPSS-I-I-SP, MINI MCR-SL-RPSS-I-I-NC, MINI MCR-SL-RPSS-I-I-SP-NC, MINI MCR-SL-IDS-I-I, MINI MCR-SL-IDS-I-I-SP, MINI MCR-SL-IDS-I-I-NC, and MINI MCR-SL-IDS-I-I-SP-NC.

MINI MCR-SL-CVS followed by alphanumeric code and MINI MCR-SL-UI-I followed by alphanumeric code

PSI-GPRS/GSM-MODEM/RS232-QB-CA, PSI-GPRS/GSM-MODEM/RS232-QB-USA, PSI-MODEM-3G-US/ROUTER, PSI-MODEM-3G/ROUTER, PSI-MODEM-3G/ROUTER-SI, PSI-MODEM-GSM/ETH, PSI-MODEM-SHDLS/ETH, PSI-MODEM-SHDLS/PB, PSI-MODEM-SHDLS/SERIAL, PSI-MODEM/ETH, SD-US/SC/LA/GY, 2963860, SUBCON-15/F-SH, SUBCON-15/M-SH, SUBCON-25/F-SH, SUBCON-25/M-SH, SUBCON-9/F-SH, SUBCON-9/M-SH, SUBCON-PLUS-9/F, SUBCON-PLUS-9/M, SUBCON-PLUS-CAN, SUBCON-PLUS-CAN/AX, SUBCON-PLUS-CAN/SC2, SUBCON-PLUS-F/AX9, SUBCON-PLUS-F1, SUBCON-PLUS-F2, SUBCON-PLUS-F2, SUBCON-PLUS-F3, SUBCON-PLUS-F4, SUBCON-PLUS-F4, SUBCON-PLUS-F5, SUBCON-PLUS-M/AX 9, SUBCON-PLUS-M1, SUBCON-PLUS-M2, SUBCON-PLUS-MODBUS/IL/BK, SUBCON-PLUS-PROFIB, SUBCON-PLUS-PROFIB/AX, SUBCON-PLUS-PROFIB/AX/SC, SUBCON-PLUS-PROFIB/PB, SUBCON-PLUS-PROFIB/PB/FC 90, SUBCON-PLUS-PROFIB/PB/FC90, SUBCON-PLUS-PROFIB/PB/SC, SUBCON-PLUS-PROFIB/PB/SC2, SUBCON-PLUS-PROFIB/SC, SUBCON-PLUS-PROFIB/SC-TB, SUBCON-PLUS-PROFIB/SC2, TP 5120C, TP 5120T, TP 5150C, TP 5150T, TP 5170C, TP 5170T, UMK-PVB 2/8/50A/8XSI, ValueLine IPC, VLPPC

Programmable controllers, open type Model(s) FL MGUARD GT/GT, FL MGUARD GT/GT-VPN, FL MGuard RS2000 TX/TX-B, FLKM-2FLK14/KDS3-MT/PPA/S7, FLKM14/KDS3-MT/PPA/PLC, FLKM50/KDS3-MT/PPA/AN/PLC, FLKM50/KDS3-MT/PPA/PLC, FLKM50/KDS3-MT/PPA/S7-300, IB IL TEMPCON 300 RTD-PAC, IB IL TEMPCON 300 UTH-PAC, MCR-SL-CVS*, MCR-SL-UI-I*, MINI MCR-2-FM-RC

MINI MCR-2-FM-RC-PT, MINI MCR-2-NAM-2RO, MINI MCR-2-NAM-2RO-PT, MINI MCR-2-UI-FRO, MINI MCR-2-UI-FRO-C, MINI MCR-2-UI-FRO-PT, MINI MCR-2-UI-FRO-PT-C, MINI MCR-2-UI-REL, MINI MCR-2-UI-REL-PT, MINI MCR-2-UI-I-OLP, MINI MCR-2-UI-I-OLP-C, MINI MCR-2-UI-I-OLP-PT, MINI MCR-2-UI-I-OLP-PT-C, MINI MCR-2-CVCS, MINI MCR-2-CVCS-PT. All MINI MCR-2-devices...may be followed by alphanumeric code for customer specific configuration.

MINI MCR-2-I-I, MINI MCR-2-I-I-PT, MINI MCR-2-I0-U, MINI MCR-2-I0-U-PT, MINI MCR-2-I4-U, MINI MCR-2-I4-U-PT, MINI MCR-2-POT-UI, MINI MCR-2-POT-UI-C, MINI MCR-2-POT-UI-PT, MINI MCR-2-POT-UI-PT-C, MINI MCR-2-PTB, MINI MCR-2-PTB-PT, MINI MCR-2-RPSS-I-I, MINI MCR-2-RPSS-I-I-PT, MINI MCR-2-RTD-UI, MINI MCR-2-RTD-UI-C, MINI MCR-2-RTD-UI-PT, MINI MCR-2-RTD-UI-PT-C, MINI MCR-2-TB, MINI MCR-2-TC-UI, MINI MCR-2-TC-UI-C, MINI MCR-2-TC-UI-PT, MINI MCR-2-TC-UI-PT-C, MINI MCR-2-U-I0, MINI MCR-2-U-I0-PT, MINI MCR-2-U-I4, MINI MCR-2-U-I4-PT, MINI MCR-2-U-U, MINI MCR-2-U-U-PT, MINI MCR-2-UI-UI, MINI MCR-2-UI-UI-PT, MINI MCR-2-UI-UI-PT-C, MINI MCR-2-UNI-UI-UIRO, MINI MCR-2-UNI-UI-UIRO-C, MINI MCR-2-UNI-UI-UIRO-PT, MINI MCR-2-UNI-UI-UIRO-PT-C, PI/NI-2D/24; 5607118, PI/NI-2I/I; 5607189, PSI-BRIDGE-DNET CAN+, PSI-MODEM-SMS-REL/6ADI/4DO/DC, PSI-MODEM-SMS-REL/6DI/4DO/AC, PSI-MOS-CNET/FO 850E+, PSI-MOS-CNET/FO 850T+, PSI-MOS-DNET/FO 850E+, PSI-MOS-DNET/FO 850T+, PSI-REP-CNET+, PSI-REP-DNET CAN+, PSI-SC-DNET CAN+, UMK-16RELS/KSR-G24/21/E/PLC, UMK-16RELS/KSR-G24/21/PLC, UMK-16RM/KSR-G24/21/E/PLC, UMK-16RM/KSR-G24/21/PLC, UMK-8RELS/KSR-G24/21/PLC, UMK-8RM/KSR-G24/21/PLC

Wireless LAN ethernet port adapters Model(s) FL WLAN EPA 5N/2700488, FL WLAN EPA RSMA/2701169, FL WLAN EPA/2692791

Model(s) AXC CLOUD-PRO

Investigated to CAN/CSA-C22.2 No. 61010-1, CAN/CSA-C22.2 No. 61010-2-201

Open type, Programmable controllers Model(s) GW PL DIO4-BUS, GW PL ETH/BASIC-BUS, GW PL ETH/UNI-BUS, GW PL HART4-BUS, GW PL HART8+AI-BUS, GW PL HART8-BUS, GW PL HART8-BUS, ILC 151 GSM/GPRS

VL2 BPC 2000, VL2 PPC 2000, VL2 BPC 3000, VL2 PPC 3000, VL2 BPC 7000, VL2 PPC 7000

Programmable controllers Model(s) ASI IO ME DI 4 AB, ASI IO ME DIO 4/3 AB, ASI IO ME DIO 4/4 AB, ASI IO SV DIO 4/3 AB, AXC3050, AXC3051, FLX ASI 3.0 DIO 4/4 M12-2A, FLX ASI DI 4 M12, FLX ASI DI 4 M8, FLX ASI DIO 2/2 M12-2, FLX ASI DIO 4/3 M12-2A, FLX ASI DIO 4/4 M8-1, FLX ASI DO 4 M12-2A

* - May be followed by alphanumeric code.

+ - May be provided with ME 17.5 TBUS 1.5/5-ST-3.81.

Note - AS-Interface G10 Series additionally evaluated to UL 508 and CSA C22.2 No. 142

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