

NRAQ.E183931 - PROGRAMMABLE CONTROLLERS

Programmable Controllers

See General Information for Programmable Controllers

PILZ GMBH & CO. KG
Felix-Wankel-Strasse 2
73760 Ostfildern, GERMANY

E183931

Trademark and/or Tradename: **pilz , PILZ**

Investigated to ANSI/UL 508

Accessory Open type, "PNOZmulti 2" Model(s) PNOZ m B0 BEKAERT, PNOZ m EF 1MM BEKAERT

Accessory Open type EtherCAT Interface, "PNOZmulti2" Model(s) PNOZ m ES EtherCAT

Accessory Open type Input module, providing 16 inputs, "PNOZmulti 2" Model(s) PNOZ m EF 16DI

Accessory Open type Input/output module, providing 4 inputs, 4 NO output contacts, "PNOZmulti 2" Model(s) PNOZ m EF 4DI4DOR

Accessory Open type Input/output module, providing 8 inputs, 4 solid state outputs, "PNOZmulti 2" Model(s) PNOZ m EF 8DI4DO

Accessory Open type Interface module for connecting base modules via RJ45 connector., "PNOZmulti 2" Model(s) PNOZ m EF Multi Link

Accessory Open type Interface module for connecting PDP modules via field wiring terminal., "PNOZmulti 2" Model(s) PNOZ m EF PDP Link

Accessory Open type Interface module providing CANopen connection, "PNOZmulti 2" Model(s) PNOZ m ES CANopen

Accessory Open type Interface module providing ETH connection, "PNOZmulti 2" Model(s) PNOZ m ES ETH

Accessory Open type Interface module providing Profibus connection, "PNOZmulti 2" Model(s) PNOZ m ES Profibus

Accessory Open type Interface module providing RS232 connection, "PNOZmulti 2" Model(s) PNOZ m ES RS232

Accessory Open type Motion Detector, "PNOZmulti2" Model(s) PNOZ m EF 1MM, PNOZ m EF 2MM

Accessory Open type PNOZmulti Series encoder interface cables Model(s) MM A MINI - IO, MM A MINI-IO CAB015 2.5m, MM A MINI-IO CAB016 2.5m, MM A MINI-IO CAB017 5.0m, MM A MINI-IO CAB01A 1.5m, MM A MINI-IO CAB01B 1.5m, MM A MINI-IO CAB05 1.5m, MM A MINI-IO CAB05 2.5m, MM A MINI-IO CAB06 2.5m, MM A MINI-IO CAB08 1.5m, MM A MINI-IO CAB08 2.5m, PNOZ msi

Accessory Open type PNOZmulti Series link interface cables Model(s) PNOZ mli1p

Modular System PNOZmulti, Junction box, "PNOZmulti" Model(s) PNOZ msi b4 Box

Open Type, Programmable Controller Model(s) PNOZ m ES EtherNet/IP, PNOZ m ES Powerlink, PNOZ m ES Profinet

Open type, Programmable controllers, "PNOZmulti 2" Model(s) PNOZ m B0, PNOZ m B1, PNOZ m ES 14DO

Open type, Programmable controllers Model(s) PMI 509

PMI 515, PMI 516, PMI 518, PMI 526, PMI 531, PMI 538, PMI v507, PMI v512

PMI 607, PMI 612, PMI 616, PMI 618, PMI 626, PMI 631, PMI 638 (a)

PNOZ m ES CC-Link, PNOZ mmc12p PL

PNOZ s50, may be followed by suffix letter "C"

PSSu H m F DPsafe SN SD, SDD ES EIP, SDD ES ETH, SDD ES PROFIBUS

Pipanel S Series programmable controllers, open type Model(s) 243930, 243931, 243932, 243933

Piterminal 3 Series programmable controllers Model(s) 240431, 240432, 240433, 240435, 240470, 240471, 240472, 240473, 240475, 240480, 240481, 240482, 240483, 240485

PLC Accessories fieldbus module for SafetyBus-Systems, open type Model(s) 311040, 311041

PNOZmulti Series accessories, open type Model(s) PDP67 F 4 code, PDP67 F 4 code VA, PDP67 F 8DI ION, PDP67 F 8DI ION HP, PDP67 F 8DI ION HP VA, PDP67 F 8DI ION VA

PNOZmulti Series analog input modules, open type Model(s) PNOZ ma1p*

PNOZmulti Series base modules, open type Model(s) PNOZ m0p ETH*, PNOZ m0p HT*, PNOZ m0p*, PNOZ m1p D?RR*, PNOZ m1p ETH*, PNOZ m1p*, PNOZ m2p ETH*, PNOZ m2p*, PNOZ m3p ETH*, PNOZ m3p*, PNOZ mi1p*, PNOZ mi2p*

PNOZmulti Series base units, open type Model(s) Doppelmayr Multi Base Unit*, NOZ m1p eco*

PNOZmulti Series CANopen interfaces, open type Model(s) PNOZ mc6.1p*, PNOZ mc6p*, PNOZ mmc6p*

PNOZmulti Series CC-Link interfaces, open type Model(s) PNOZ mc7p*, PNOZ mmc7p CC*

PNOZmulti Series control modules, open type Model(s) PNOZ mc1p*

PNOZmulti Series controllers, accessories, open type Model(s) PSS SB SUB-D-FOI

PNOZmulti Series DeviceNet interfaces, open type Model(s) PNOZ mc4p*, PNOZ mmc4p*

PNOZmulti Series dual pole output modules, open type Model(s) PNOZ mo3p*

PNOZmulti Series EtherCAT interfaces, open type Model(s) PNOZ mc2.1p*, PNOZ mc2p*, PNOZ mmc11p CAT*

PNOZmulti Series ethernet interfaces, open type Model(s) PNOZ mc8p*

PNOZmulti Series input modules, open type Model(s) PNOZ mo5p*

PNOZmulti Series interbus fiberoptic interfaces, open type Model(s) PNOZ mc5.1p*

PNOZmulti Series interbus interfaces, open type Model(s) PNOZ mc5p*

PNOZmulti Series interface modules for ETH connections, open type Model(s) PNOZ mmc1p*

PNOZmulti Series interface modules for RS232 connections, open type Model(s) PNOZ mmc2p*

PNOZmulti Series mini base modules, open type Model(s) PNOZ mm0.1p*, PNOZ mm0.2p*, PNOZ mm0p*

PNOZmulti Series output modules, open type Model(s) PNOZ mo1p*, PNOZ mo2p*, PNOZ mo4p*

PNOZmulti Series power supply modules, open type Model(s) PNOZ mc0p*

PNOZmulti Series PowerLink interfaces, open type Model(s) PNOZ mc12p Powerlink*

PNOZmulti Series profibus interfaces, open type Model(s) PNOZ mc3p*, PNOZ mmc3p*, PNOZ ms3p*, PNOZ ms4p*

PNOZmulti Series profibus interfaces, open type Model(s) PNOZ mc10p, PNOZ mc2.1p, PNOZ mc6.1p

PNOZmulti Series profinet IO interfaces, open type Model(s) PNOZ mc9p*

PNOZmulti Series safe link modules, open type Model(s) PNOZ ml1p*, PNOZ ml2p*, PNOZ mml1p*, PNOZ mml2p*

PNOZmulti Series safety mat interfaces, open type Model(s) PSEN im1

PNOZmulti Series sercos III interfaces, open type Model(s) PNOZ mc10p*

PNOZmulti Series speed monitoring units, open type Model(s) PNOZ ms1p*, PNOZ ms2p*

PPSu Series coated version modules Model(s) PSSu E F ABS SSI-T, PSSu E F INC-T

Programmable Controller, Industrial Gateways, Open Type Model(s) PSSnet GW1 MOD-CAN, PSSnet GW1 MOD-EtherCAT

Programmable controllers, open type Model(s) PMI , followed by o or v, followed by 416, 426, 431 or 438, followed by basic, berger lahr, profibus DP- master, profibus DP- slave, CANopen, neutral black front, tyco, SafetyNET p or MPI.

PMI 215 CS neutral black front, PMI 215-CS, PMI 216-CT WIFAG, PMI 226-CT, PMI 226-CT Fa, PMI 231-CT Doppelmayr

PMI followed by o or v, followed by 3 followed by a two digit number, may be followed by various alphanumeric suffixes

PMI followed by v or o, followed by 309 followed by basic, MPI, or CANopen

PMI m309 diag, PMIce 215-CS, PMIce 226-CT, PMIce 231-CT, PSS-3032, PSS-3046, PSS-3047-3, PSS-3047-3-AI, PSS-3047-3-AI-
Ip, PSS-3047-3-CANopen, PSS-3047-3-DP-S, PSS-3047-3-ETH-2, PSS-3047-3-ETH-2-SE, PSS-3056, PSS-3056-1, PSS-3056-2,
PSS-3074, PSS-3075-3, PSS-3075-3-DP-S, PSS-3075-3-NR, PSS-SB-3006-3-CN-A, PSS-SB-3006-3-DN-S, PSS-SB-3006-3-DP-S,
PSS-SB-3006-3-ETH, PSS-SB-3006-3-ETH-2, PSS-SB-3006-3-ETH-2-DP-S, PSS-SB-3006-3-ETH-2-IBS-S, PSS-SB-3006-3-ETH-
DP-S, PSS-SB-3006-3-ETH-IBS-S, PSS-SB-3006-3-IBS-S, PSS-SB-3006-CN-A, PSS-SB-3006-DP-S, PSS-SB-3006-ETH, PSS-SB-
3006-IBS-S, PSS-SB-3047-3-AI, PSS-SB-3047-3-AI-ETH-2, PSS-SB-3047-3-AI-IP, PSS-SB-3047-3-AI-IP-ETH-2, PSS-SB-3047-3-
DP-S, PSS-SB-3047-3-ETH-2, PSS-SB-3047-3-ETH-2-CANopen, PSS-SB-3056, PSS-SB-3075-3, PSS-SB-3075-3-CANopen, PSS-
SB-3075-3-DP-S, PSS-SB-3075-3-ETH-2, PSS-SB-3075-3-ETH-2-SE, PSS-SB-3075-3-ETH2-CANopen, PSS-SB2-3006-2-DN-S,
PSS-SB2-3006-3-CN-A, PSS-SB2-3006-3-DP-S, PSS-SB2-3006-3-ETH-2, PSS-SB2-3006-3-ETH-2-DP-S, PSS-SB2-3006-3-ETH-2-
IBS-S, PSS-SB2-3006-3-IBS-S

PSS-3000 and PSS-3100 Series central units Model(s) PSS-AI-IP, PSS-CPU, PSS-CPU3, PSS-DIF2, PSS-SB-CPU, PSS-SB-CPU3,
PSS-SB-CPU3-ETH-2, PSS1-CPU, PSS1-CPU3, PSS1-SB-CPU, PSS1-SB-CPU3, PSS1-SB-CPU3-ETH-2, PSS7-AI-IP

PSS-3000 and PSS-3100 Series decentralized digital input modules Model(s) PSS-SB-DI16

PSS-3000 and PSS-3100 Series equipment rack and bus systems Model(s) P10-BEMP, PSS SB Active Junction Basis, PSS SB
Active Junction Expansion, PSS-BM4, PSS-BM8, PSS-BMP4/2, PSS-BMP8, PSS-BMPS-3/1, PSS1-BMP5/2, PSS1-BMPS-3/3

PSS-3000 and PSS-3100 Series expander modules Model(s) P10-EPB

PSS-3000 and PSS-3100 Series I/O devices Model(s) P10-AIO, P10-DIO, PSS PVS AI U5I1, PSS-AI-U5I1, PSS-DI2OT, PSS-DI2OZ,
PSS-DIOT, PSS-DIOZ, PSS-SB-DI808(V2.7), PSS-SB-DI808(V2.8), PSS-SB-DI80Z4(V1.6), PSS-SB-DI80Z4(V1.7), PSS1-AI-U5I1, PSS1-
DI2OT, PSS1-DI2OZ, PSS1-DIOT, PSS1-DIOZ

PSS-3000 and PSS-3100 Series input devices (cards) Model(s) P10-DI, PSS-AI, PSS-DI, PSS-DIF, PSS1-AI, PSS1-DI, PSS1-DI2,
PSS1-DIF

PSS-3000 and PSS-3100 Series interface modules Model(s) C-PC-PAP-4, P10-DO, PSS-CANopen, PSS-Control Net Adapter,
PSS-DN-S, PSS-DPS, PSS-Ethernet, PSS-IBS-S, PSS-SB Bridge, PSS-SB-Router1, PSS-Serial Interfacecard, PSS-ZUB-DIF-KAT4,
PSS1-CANopen, PSS1-Control Net Adapter, PSS1-DN-S, PSS1-DPS, PSS1-Ethernet, PSS1-IBS-S, PSS1-Serial Interfacecard

PSS-3000 and PSS-3100 Series output devices (cards) Model(s) PSS-DO, PSS-DOR, PSS-DOS, PSS1-DO, PSS1-DOR, PSS1-
DOS

PSS-3000 and PSS-3100 Series power supplies Model(s) PSS-CPU2, PSS-PS, PSS-PS24, PSS1-CPU2, PSS1-PS24

PSS-3000 and PSS-3100 Series input devices (cards) Model(s) PSS-DI2

PSSnet Series accessories, rail switches Model(s) PSSnet SCA

PSSnet Series programmable controllers Model(s) PSSnet SHL 6T 2FMMSC MRP, PSSnet SHL 6T 2FSMSC MRP, PSSnet SHL 8T
MRP

PSSnet Series programmable logic controllers Model(s) PSSnet SLL 4T 1FMMSC, PSSnet SLL 5T

PSSu Series accessories Model(s) PSSu A EC

PSSu Series coated version modules Model(s) PSSu A EC-T, PSSu E F 2DI 60-R, PSSu E F 2DO 2-T, PSSu E F 2DOR 8-T, PSSu E
F 4DI-T, PSSu E F 4DO 0.5-T, PSSu E F AI I-T, PSSu E F AI PVM I-T, PSSu E F AI PVM U-T, PSSu E F AI U-T, PSSu E F BSW-T, PSSu E
F DI OZ 2-T, PSSu E F PS-P-T, PSSu E F PS-T, PSSu E F PS2-T, PSSu E PD-T, PSSu E PD1-T, PSSu E S 2AI I se-T, PSSu E S 2AI
RTD-T, PSSu E S 2AI TC-T, PSSu E S 2AI U-T, PSSu E S 2AO I-T, PSSu E S 2AO U-T, PSSu E S 2DO 2-T, PSSu E S 2DO 2-TD, PSSu E
S 2DOR 10-T, PSSu E S 2DOR 2-T, PSSu E S 4AI U-T, PSSu E S 4AO U-T, PSSu E S 4DI-T, PSSu E S 4DO 0.5-T, PSSu E S 4DO

0.5-TD, PSSu E S ABS SSI-T, PSSu E S INC-T, PSSu E S RS232-T, PSSu E S RS485-T, PSSu H CAN-T, PSSu H DN-T, PSSu H DP-T, PSSu H FS SN RF-T, PSSu H FS SN SD-T, PSSu H PLC1 FS SN SD-T, PSSu H SB CAN-T, PSSu H SB DN-T, PSSu H SB DP-T, PSSu H SB-T, PSSu K F EI CV-T, PSSu XV F-T, PSSu XV R-T

PSSU Series I/O module Model(s) PSSu K F EI CV

PSSu Series I/O modules Model(s) PSSi K F EI, PSSu E AI SHT1, PSSu E AI SHT2, PSSu E F 2DO 2, PSSu E F 2DOR 8, PSSu E F 4DI, PSSu E F 4DO 0.5, PSSu E F ABS SSI, PSSu E F AI I, PSSu E F AI U, PSSu E F BSW, PSSu E F DI OZ 2, PSSu E F INC, PSSu E S 2AI I se, PSSu E S 2AI RTD, PSSu E S 2AI TC, PSSu E S 2AI U, PSSu E S 2AO I, PSSu E S 2AO U, PSSu E S 2DO 2, PSSu E S 2DO 2-D, PSSu E S 2DOR 10, PSSu E S 2DOR 2, PSSu E S 4AO U, PSSu E S 4DI, PSSu E S 4DI-D, PSSu E S 4DO 0.5, PSSu E S 4DO 0.5-D, PSSu E S ABS SSI, PSSu E S Inc, PSSu E S INC 24V se, PSSu E S RS232, PSSu E S RS485, PSSu K F FAU B or FAU P, PSSu K F FCU, PSSu K F INC, PSSu K S 16DI, PSSu K S 16DO 0.5, PSSu K S 8DI 8DO 0.5, PSSu K S RS232, PSSu K S RS232 MODBUS ASCII

PSSu Series interface controller modules Model(s) PSSu H FS SN RF, PSSu H FS SN SD, PSSu H m F DP ETH SD, PSSu H m F DP SN SD

PSSu H may be followed by SB, may be followed by DN, DP, CAN, S PN or F PN, may be followed by o.

PSSu H PLC1 FS DP SN SD, PSSu H PLC1 FS SN SD

PSSu Series link modules Model(s) PSSu CB F, PSSu CR F, PSSu XB F, PSSu XR F

PSSu Series power modules Model(s) PSSu E F PS, PSSu E F PS-P, PSSu E F PS1, PSSu E F PS2, PSSu E PD, PSSu E PD1, PSSu E PS-P +/-10V, PSSu E PS-P +/-15V, PSSu E PS-P 5V, PSSu E S PD-D +/-10V, PSSu E S PD-D +/-15V, PSSu E S PD-D 5V

PSSu Series Type 1 rated modules Model(s) PSS67 F 16DI SB-T

PSSu Series wireless modules Model(s) PSS ANT 1 IDN, PSS ANT 2 IDN, PSSu E F PS1-T, PSSu WB S IDN, PSSu WR S IDN

Investigated to UL 61010-1 and UL 61010-2-201

Open type, Programmable controllers Model(s) PSS u2 P0 F/S EIP

PSS u2 P0 F/S PN, PSS u2 ES PSP, PSS u2 ES 16PT 0V, PSS u2 ES 16PT FE, PSS u2 ES 4DI, PSS u2 ES 8DI, PSS u2 ES 4DID, PSS u2 ES 8DID, PSS u2 ES 4DOD 0.5A, PSS u2 ES 8DOD 0.5A, PSS u2 ES 4DOD 2A, PSS u2 ES 8PTD 24V 0V, PSS u2 ES 16DOD 0.5A, PSS u2 B 4, PSS u2 B 1, PSS u2 EF 8DI, PSS u2 EF 8DO 0.5A, PSS u2 EF 4DO 2A, PSS u2 EF 2DO TP 2A, PSS u2 EF 2DO R 8A

Investigated to UL 61010-1, 3rd Edition and UL 61010-2-201, 1st Edition

Programmable Controllers Model(s) PMCprimo MC

Investigated to UL 61010-1, 3rd Edition and UL 61010-2-201, 2nd Edition

Programmable Controllers Model(s) PMI v704e, PMI v707e, PSS U2 ES 16DI, PSS u2 ES 16PTD 24V, PSS u2 ES 4DO R 8A, PSS u2 ES 4DO SR 0.5A, PSS u2 ES 6DI 120V AC

Investigated to

Programmable Controllers Model(s) PDP67 F 8DI ION PT

* - May be followed by numbers and/or letters.

a - may be followed by Control.

Last Updated on 2019-06-04

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