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SCHNEIDER ELECTRIC FRANCE, DBA AUTOMATION

E486184

35 rue Joseph Monier
92500 Rueil Malmaison, FRANCE



Trademark and/or Tradename:

Investigated to ANSI/UL 508

- Accessories, 12" LCD front display + keypad units** Model(s) MPCYB20NNN00N
- Accessories, 15" LCD front display + keypad units** Model(s) MPCYB50NNN00N
- Accessories, 15" LCD front display units** Model(s) MPCYT50NNN00N
- Accessories, 19" LCD front display units** Model(s) MPCYT90NNN00N
- Accessory Box Unit** Model(s) HMIG3U, HMIG5U
- Accessory CANopen Unit, open type** Model(s) HMIZGCAN
- Accessory Multi Display Adapter, open type** Model(s) HMIZMDARX
- Accessory CANOpen units** Model(s) XBTZGCCANxx
- Accessory enclosure kits** Model(s) HMIZECOV1, HMIZECOV2, HMIZECOV4, HMIZECOV5, HMIZECOV6
- Accessory Open type** Model(s) ABE7, followed by CPA, followed by 2 or 3 digit number.
- Accessory Open type Adapters, "Series Magelis"** Model(s) XBTZ-RT 999, XBTZ-RT PW
- Accessory Open type Communication cables, "Series Magelis"** Model(s) XBTZ, followed by three or four digits
- Accessory Open type Communication cables** Model(s) XBTZ@
- Accessory Open type Converters, "Series Magelis"** Model(s) XBTZ 980
- Accessory Open type Environment Covers** Model(s) HMIZDCOV5, HMIZDCOV6, HMIZDCOV7
- Accessory Profibus Unit, open type,** Model(s) HMIZGPDP
- Analog 4 inputs and 2 outputs cards** Model(s) AMZ600, Half Size
- Analog I/O modules** Model(s) 140AMM09000%
- Analog input cards** Model(s) TSX-ADT#, TSX-AEM#, TSX-AEZ#
- Analog input modules, "Modicon Momentum Series"** Model(s) 170 AAI 030 00%, 170 AAI 140 00%, 170 AAI 520 40%
- Analog input modules** Model(s) 140ACI03000%, 140ACI0400%, 140ARI03010%, 140AVI03000%, 140SAI94000S#
- Analog input/output modules, "Modicon Momentum Series"** Model(s) 170 ANR 120 90%, 170 ANR 120 91%
- Analog output cards** Model(s) 140ACO0200%, 140ACO13000%, 140AVO02000%, TSX-ASR#, TSX-AST#, TSX-ASZ#
- Analog output modules, "Modicon Momentum Series"** Model(s) 170 AAO 120 00%, 170 AAO 921 00%
- AS-I bus master modules** Model(s) TSX-SAZ10
- Box computers** Model(s) MPCKN02xAxxxx (&), MPCKN01xxxxxx (&)
- Built-in computers, open type** Model(s) MPCFN0xxAxxxx (&), MPCFN0xxDxxxx (&), MPCHN0xxAxxxx (&), MPCHN0xxDxxxx (&)

CAN units Model(s) XBTZGCANxxx (&)

Central processor units Model(s) TSX-P107 may be followed by one or two suffix numbers or letters

TSX-P47 may be followed by one or two suffix numbers or letters

TSX-P47-1

TSX-P67 may be followed by one or two suffix numbers or letters

TSX-P87 may be followed by one or two suffix numbers or letters

Color graphic panel displays Model(s) XBTGT5430

Color graphic panels Model(s) XBTGT2220, XBTGT2220 C, XBTGT2330, XBTGT2330 C, XBTGT4230, XBTGT4230 C, XBTGT4330, XBTGT4330 C, XBTGT4340, XBTGT4340 C, XBTGT5330, XBTGT5330 C, XBTGT5340, XBTGT5340 C, XBTGT6330, XBTGT6330 C, XBTGT6340, XBTGT6340 C, XBTGT7340, XBTGT7340 C

COMMUNICATION MODULES Model(s) 140NRP31200%, 140NRP31201%

Communication modules Model(s) 140CHS11000%, 140CRA31200%, 140CRA31908%, 140CRA31908C%, 140CRA93100%, 140CRA93101%, 140CRA93200%, 140CRA93201%, 140CRP31200%, 140CRP93100%, 140CRP93200%, 140DRP95401%, 140ESI06210%, 140NOC78000%, 140NOC78100%, 140NOM21100%, 140NOM21200%, 140NOM25200%, 140NRP95400%, 140XBE01000%

Communication taps Model(s) 990 NAD followed by 23, followed by 0, followed by 1 or 2, followed by 0, 1, 2, 3.

Communications cables Model(s) 490 NAA followed by 27, followed by 1, followed by 0, followed by 0, 1, 2, 3, 4 or 6.

Communications modules Model(s) TBX LEP020, TBX LEP030, TSX SCP111, TSX SCP112, TSX SCP114

Compact Display, "Series Magelis" Model(s) Types XBT-N, -NU, -R or RT

Compact iPCs-P4 Model(s) MPCKT52NAxxxx (&), MPCKT55NAxxxx (&), MPCST52NDxxxx (&)

Concentrator modules Model(s) TSX EEF 08D2, TSX EEF 16D2, TSX EMF 16DT2, TSX ESF 08T22

Connection cables Model(s) TSX-CAPH, TSX-CAPS, TSX-CDP, TSX-SCPC, TSX-SCPCD, TSX-SCPCM, TSX-SCPCU, TSX-SCPCX

counting modules Model(s) TSX-CFZ1, TSX-CFZ2, TSX-CTZ1A, TSX-CTZ1B, TSX-CTZ2A

coupling units Model(s) TSX-STZ10

CPU high end modules Model(s) 140CPU65150%, 140CPU65150S%, 140CPU65260%, 140CPU65260S%, 140CPU67060%, 140CPU67060S%, 140CPU67260%, 140CPU67260S%, 140CPU67261%, 140CPU67261S%

140XTS00100 where x is a five digit extension, the two last digits being representative of cable lengths, CableFast modules, 140CF, followed by a letter (A to K), followed by 004, 008, 016, 032, 040, followed by 00.

140XTS00200 where x is a five digit extension, the two last digits being representative of cable lengths, CableFast modules, 140CF, followed by a letter (A to K), followed by 004, 008, 016, 032, 040, followed by 00.

140XTS33200 where x is a five digit extension, the two last digits being representative of cable lengths, CableFast modules, 140CF, followed by a letter (A to K), followed by 004, 008, 016, 032, 040, followed by 00.

Cable assemblies, 140XTSx where x is a five digit extension, the two last digits being representative of cable lengths, CableFast modules, 140CF, followed by a letter (A to K), followed by 004, 008, 016, 032, 040, followed by 00.

CPU top hats, "Modicon Momentum Series" Model(s) 171 CBU 780 90%, 171 CBU 980 90%, 171 CBU 980 91%

DC Power Supply Adapter, open type Model(s) HMIZMDAEX

DeviceNet interface units Model(s) XBTZGDVN

Digital input cards Model(s) TSX-DET-1604, TSX-DET-1612, TSX-DET-1613, TSX-DET-466, TSX-DET-802, TSX-DET-803, TSX-DET-805, TSX-DET-812, TSX-DET-813, TSX-DET-824

Digital input modules, "Modicon Momentum Series" Model(s) 170 ADI 340 00%, 170 ADI 350 00%, 170 ADI 540 50%, 170 ADI 740 50%

Digital input modules Model(s) 140DAI34000, 140DAI440000, 140DAI54000, 140DAI74000, 140DDI84100, 140ERT85410, 140ERT85410Z, 140ERT85420, 140ERT85430, 140SDI95300S%

Digital input modules Model(s) 140DA084000%, 140DRA84000%, 140SDO95300S%

Digital input/output modules, "Modicon Momentum Series" Model(s) 170 ADM 350 10%, 170 ADM 350 11%, 170 ADM 350 15%, 170 ADM 370 10%, 170 ADM 390 10%, 170 ADM 390 30%, 170 ADM 390 31%, 170 ADM 540 80%, 170 ADM 690 50%, 170 ADM 690 51%, 170 ADM 850 10%, 170 AMM 090 00%, 170 AMM 090 01%, 170 ARM 370 30%

Digital output modules, "Modicon Momentum Series" Model(s) 170 ADO 340 00%, 170 ADO 350 00%, 170 ADO 530 50%, 170 ADO 540 50%, 170 ADO 730 50%, 170 ADO 740 50%

Digital output cards Model(s) TSX-DST-1604, TSX-DST-1612, TSX-DST-1635, TSX-DST-1682, TSX-DST-417, TSX-DST-804, TSX-DST-805, TSX-DST-817, TSX-DST-835, TSX-DST-882

Digital output modules Model(s) 170 BDO 356 00, 170 BDO 946 50

DIO communication modules Model(s) 140CRA21110%, 140CRA21120%, 140CRA21210%, 140CRA21220%

Display and control terminals Model(s) CCX 17 followed by 20 or 30 followed by F or L, followed by FP, may be prefixed by T

CCX 17 followed by 20 or 30, followed by F or L, may be followed by W or PS, may be prefixed by T.

Distributed analog I/O modules Model(s) TBX AES400, TBX AMS620, TBX ASS200

Emergency stop security modules Model(s) TSX-DPZ10D2A

Expansion interfaces Model(s) TBX-CBS010

Expansion units Model(s) TSX-DMF242A, TSX-DMF342A, TSX-DMF344A, TSX-DMF401, TSX-RKZ02

Extension blocks Model(s) TSX-DEF812, TSX-DFF804, TSX-DSF604, TSX-DSF612, TSX-DSF635

External displays Model(s) MPCYS followed by 20 or 50, followed by a digit, followed by A or D, followed by additional letters or numbers.

Fast I/O cards Model(s) TSX-DMR

Flat panel displays Model(s) HMIDID7DT0, MPCYT50xAxxxx (&), MPCYT90xAxxxx (&)

Flat panel displays with keypads, open-type Model(s) MPCNB50NAN00N

FP5000 Series Flat Panel Interface Model(s) HMIDID64DTD1, HMIDID73DTD1

Front panels Model(s) MPC followed by N, followed by A, B or T, followed by 20 or 50, followed by 6 digits

Graphic display panels Model(s) XBTGT1100, XBTGT1100 C, XBTGT1130, XBTGT1130 C

Graphic displays Model(s) HMIGTO1300, HMIGTO1310, HMIGTO2300, HMIGTO2310, HMIGTO2315, HMIGTO3510, HMIGTO4310, HMIGTO5310, HMIGTO5315, HMIGTO6310, HMIGTO6315, XBTGC1100T, XBTGC1100U, XBTGC2120T, XBTGC2120U, XBTGC2230T, XBTGC2230U, XBTGC2330T, XBTGC2330U, XBTGT1105, XBTGT1105 C, XBTGT1135, XBTGT1135 C, XBTGT1335, XBTGT1335 C, XBTOT2110, XBTOT2210, XBTOT5220, XBTOT5320

Graphic panels Model(s) HMISTO501, HMISTO511, HMISTO512, HMISTO531, HMISTO532, XBTGT2930, XBTOT4320

Hand held programmers Model(s) TSX-T317

High speed counters, "Modicon Momentum Series" Model(s) 170 AEC 920 00%

I/O modules Model(s) 170 BAM 096 00, 170 BAM 096 01, 170 BDM 344 00, 170 BDM 344 01, 170 BDM 346 30

Illuminated switch units Model(s) HMIZRA1

Input base units Model(s) TBX DES16 22, TBX DES16 33, TBX DES16 C22, TBX DES16 F22

Input base units, full size Model(s) TSX-DEZ32D2

Input base units, half size Model(s) TSX -DEZ08, -12, followed by A4, A5, D2, D2K.

Input modules Model(s) 170 BDI 344 00, 170 BDI 344 01, 170 BDI 346 00, 170 BDI 354 00, 170 BDI 354 01, 170 BDI 356 00, 170 BDI 546 50, 170 BDI 746 50

Input/output base units Model(s) TBX DMS1025, TBX DMS16 25, TBX DMS16 C22, TBX DMS16 C222, TBX DMS16 P22, TSX-DMZ16AR, TSX-DMZ16DR, TSX-DMZ16DT, TSX-DMZ16DTK, TSX-DMZ28AR, TSX-DMZ28DR, TSX-DMZ28DTK, TSX-DMZ64AR, TSX-DMZ64DR, TSX-DMZ64DT, TSX-DMZ64DTK

Inter PC communication cards Model(s) TSX-MPT

Interface modules, "Modicon Momentum Series" Model(s) 170 BNO 671 00%, 170 FNT 110 00%, 170 FNT 110 01%

Interface modules Model(s) 170 BNO 681 00, 173CHT26010, 173CHT76010

Keyboards Model(s) TSX-T107, TSX-T307, TSX-T407

Low voltage cards Model(s) TSX-ADT201, TSX-AEM401, TSX-ASR200, TSX-AST200, TSX-LES20

MCS Series analog modules, open type Model(s) 140ACI04000%, 140ARI03000%, 140ATI03000%, 140MMS42500%, 140MMS42501%, 140MMS42502%, 140MMS52502%

MCS Series back planes, open type Model(s) 140XBP00200%, 140XBP00300%, 140XBP00400%, 140XBP00600%, 140XBP01000%, 140XBP01600%

MCS Series communication modules, open type Model(s) 140EIA92100%, 140NOC77100%, 140NOE77100%, 140NOE77101%, 140NOE77110%, 140NOE77111%, 140NWM10000%

MCS Series counter modules, open type Model(s) 140EHC10500%, 140EHC20200%, 140ESI06200%

MCS Series CPUs, open type Model(s) 140CPU11304%, 140CPU21303%, 140CPU21304%, 140CPU42402%, 140CPU43302%, 140CPU53414A%, 140CPU53414U%

MCS Series input modules, open type Model(s) 140DAI35300%, 140DAI45300%, 140DAI54300%, 140DAI55300%, 140DAI75300%, 140DDI15310%, 140DDI35300%, 140DDI35310%, 140DDI67300%, 140DDI85300%, 140DDO15310%, 140DSI35300%

MCS Series input/output modules, open type Model(s) 140DAM59000%, 140DDM39000%, 140DDM69000%

MCS Series motion modules, open type Model(s) 140MSB10100%, 140MSC10100%

MCS Series output modules, open type Model(s) 140DAO84010%, 140DAO84210%, 140DAO84220%, 140DDO35300%, 140DDO35310%, 140DDO84300%, 140DDO88500%, 140DRC83000%, 140DVO85300%

MCS Series power supply modules, open type Model(s) 140CPS11100%, 140CPS11400%, 140CPS11410%, 140CPS11420 35002897%, 140CPS11420%, 140CPS12420 350029188%, 140CPS21100%, 140CPS51100%, 140CPS52420%

MCS Series quantum I/F module ionworks modules open type Model(s) 140TPFT10%, TPXF1250%, TPXF78%

MCS Series simulator modules, open type Model(s) 140XSM01000%

Memory extensions Model(s) SX-MFPBAK032, TSX-032P, TSX-MEM, TSX-MFP032, TSX-MRP032

Modicon M340 and M580 Ruggedized modules Model(s) BMX-DAI 0802H, BMX-DAI 0803H, BMX-DAI 0804H, BMX-DAI 0814H, BMX-DAI 1602H, BMX-DAI 1603H, BMX-DAI 1604H

Modicon M340 and M580 Series digital input modules Model(s) BMX-DAI 08 followed by 02, 03, 04, 05 or 14, BMX-DAI 16 followed by 02, 03, 04, 05 or 14

Modicon M340 and M580 extended temperature modules Model(s) BMX-CPS3540T, BMX-DDI1604T, BMX-DRA0804T, BMX-ERT1604T

Modicon M340 and M580 ruggedized modules Model(s) BME-NOC followed by 03, followed by 01 or 11, may be followed by C.

Modicon M340 and M580 Ruggedized modules Model(s) BME-P58 followed by 10 or 20, followed by 20 or 40, followed by H.

BME-XBP 0400H, BME-XBP 0800H, BME-XBP 1200H

Modicon M340 and M580 ruggedized modules Model(s) BMX-AMI0400H, BMX-AMI0410H, BMX-AMI0800H, BMX-AMI0810H, BMX-AMM0600H, BMX-AMM0202H, BMX-AMM0210H, BMX-AMO0402H, BMX-AMO0410H, BMX-AMO0802H, BMX-AMO0810H, BMX-ART0414H, BMX-CPS3020H, BMX-CPS3500H, BMX-DAO1605H, BMX-DDI1602H, BMX-DDI1603H, BMX-DDM16022H, BMX-DDM16025H, BMX-DDO1602H, BMX-DDO1612H, BMX-DRA0805H, BMX-DRA1605H, BMX-EHC0200H, BMX-EHC0800H

BMX-NOC followed by 04, followed by 01 or 02, may be followed by C.

BMX-NOE0100H, BMX-NOE0110H, BMX-NOM0200H, BMX-NOR0200H, BMX-P341000H, BMX-P342020H, BMX-P3420302H, BMX-XBE1000H, BMX-XBP0400H, BMX-XBP0600H, BMX-XBP0800H

Modicon M340 and M580 Ruggedized modules Model(s) BMX-EAE 0300H

Modicon M340 and M580 Series analog input modules Model(s) BMX-AMI0400, BMX-AMI0410, BMX-AMI0800, BMX-AMI0810, BMX-ART0414, BMX-ART0814

Modicon M340 and M580 Series analog output modules Model(s) BMX-AMM0600, BMX-AMM0202, BMX-AMM0210, BMX-AMO0402, BMX-AMO0410, BMX-AMO0802, BMX-AMO0810

Modicon M340 and M580 Series ASI communication modules Model(s) BMX-EIA0100

Modicon M340 and M580 Series cables Model(s) BMX-FTA, followed by a 3 digit number.

BMX-XBC followed by a 4 digit number, followed by K.

Modicon M340 and M580 Series commercial modules Model(s) BME-AHI followed by 08, followed by 12, may be followed by C.

BME-AHO followed by 04, followed by 12, may be followed by C.

BME-CRA followed by 31, followed by 210, may be followed by C.

BME-P58 1020, BME-P58 1040, BME-P58 2020, BME-P58 2040, BME-P58 3020, BME-P58 3040, BME-P58 4020, BME-P58 4040

BMX-XBP followed by 04, 08, or 12, followed by 00.

BMX-EHC0200, BMX-EHC0800

BMX-FT followed by W, followed by 3 or 4 digit number, may be followed by S.

BMX-NOM0200, BMX-NOR0200

BMX-P followed by AM or DM, followed by 48, 64 or 82, followed by 000, 100 or 200.

BMX-XBC, followed digit numbers.

BMX-XCA followed by USB, followed by H, followed a 3 digit number.

NCA, followed by 82 or 84, followed by 000., TCS-CCN, followed digit numbers., TCS-MCN, followed digit numbers., TCS-XCN, followed digit numbers.

Modicon M340 and M580 Series digital input modules Model(s) BMX-DAO1605, BMX-DAO1605K

BMX-DDI followed by 16, 32 or 64, followed by 02 or 03, may be followed by K or C.

Modicon M340 and M580 Series digital output modules Model(s) BMX-DDO followed by 16, 32 or 64, followed by 02 or 12, may be followed by K, may be followed by C.

BMX-DRA0805, BMX-DRA1605

Modicon M340 and M580 Series expander modules Model(s) BMX-XBE followed by 10 or 20, followed by 00 or 05.

Modicon M340 and M580 Series input/output modules Model(s) BMX-DDM followed by 16 or 32, followed by 02, 022 or 025, may be followed by K.

Modicon M340 and M580 Series memory cards Model(s) BMX-RMS followed by a 1 or 3 digit number, followed by M, may be followed by P or PF or ITRB.

BMX-RWS followed by B, C or FO, followed by a 3 digit number, followed by M.

Modicon M340 and M580 Series plug-in terminal block kits Model(s) BMX-XTS followed by CPS, followed a 2 digit number.

BMX-XTS HSC followed a 2 digit number

Modicon M340 and M580 Series plug-in terminal blocks Model(s) BMX-FTB, followed a 4 digit number.

Modicon M340 and M580 Series positioning modules Model(s) BMX-CPS2000, BMX-CPS2010, BMX-CPS3020, BMX-CPS3500, BMX-MSP0200

Modicon M340 and M580 Series precabbling cables Model(s) BMX-FC followed by A, C or W, followed a 3 or 4 digit number, may be followed by S.

Modicon M340 and M580 Series processors Model(s) BMX-P34 followed by a 4 or 5 digits number, may be followed by ITRB.

Modicon M340 and M580 Series protective covers Model(s) BMX-NOE0100, BMX-NOE0110

BMX-XBP followed by a 4 digit number, may be followed by S.

BMX-XEM, followed a 3 digit number.

Modicon M340 and M580 Series shield bar kits Model(s) BMX-XSP, followed a 4 digit number.

Modicon M340 and M580 Series synchronous serial interface modules Model(s) BMX-EAE0300, BMX-PRA0100

Modular units Model(s) TSX37-0500@, TSX37-0510@, TSX37-0800@, TSX37-0810@, TSX37-1000@, TSX37-1010@, TSX37-2100@, TSX37-2110@, TSX37-2200@, TSX37-2210@

Momentum Series special modules Model(s) ISP00100, ISP00101

Monobloc input modules Model(s) TBX CEP1622

Monobloc input/output modules Model(s) TBX SAP10 coupling module FIPIO/ASI.

Monobloc output modules Model(s) TBX CSP16 22, TBX CSP16 25

Monochrome graphic panels Model(s) XBTGT2110, XBTGT2110 C, XBTGT2120, XBTGT2120 C, XBTGT2130, XBTGT2130 C, XBTGT5230, XBTGT5230 C

Nano-programmable controllers Model(s) TSX AMN4000, TSX ANN4001

TSX07 followed by 32 or 33, followed by 10, 16 or 24, followed by 12, 22 or 28.

Numpad unit Model(s) HMIZKB1

One-axis command modules Model(s) TSX-CAZ11

Open type Analog Output, "Modicon Quantum" Model(s) 140ACO02000%

Open type COMMUNICATION MODULES, "Modicon Quantum" Model(s) 140NRP95401%

Open type CPU HIGH END MODULES, (DOUBLE SLOT), "Modicon Quantum" Model(s) 140CPU65860%, 140CPU67160%*, 140CPU67861%

Open type CPU LEGACY MODULES, (SINGLE SLOT), "Modicon Quantum" Model(s) 140CPU53414%

Open type Digital Output, "Modicon Quantum" Model(s) 140DAO85300%

Open type, Programmable controllers, "Modicon Quantum" Model(s) 140HLI34000%

Open type, Programmable controllers Model(s) 140NOC78000, 140NOC78100, 140NOP85000, BME CXM 0100, BME CXM 0100H, BME PXM 0100, BME PXM 0100H, BME-AHI 0812H

BME-H58 followed by 20, 40 or 60, followed by 40, may be followed by C or K.

BME-NOC, followed by 03, followed by 00 or 21, may be followed by C.

BME-NOS, followed by 03, followed by 00, may be followed by C.

BME-P58 5040 may be followed by C, BME-P58 6040 may be followed by C, BME-XBP 0602H, BME-XBP 1002H

BME-XBP, followed by 06 or 10, followed by 02.

BMX-CPS 4002, BMX-CPS 4002H

BMX-DDI, followed by 32 or 64, followed by 02, may be followed by K, followed by H.

BMX-ETM 0200H, BMX-NGD 0100, BMX-NGD 0100H

BMX-NRP, followed by 02, followed by 00 or 01, may be followed by C.

PMX-CDA0000

Output base units Model(s) TBX DSS1235, TBX-DSS1622, TBX-DSS1625, TBX-DSS16C22

Output base units, full size Model(s) TSX-DSZ32D5, TSX-DSZ32D5T2

Output base units, half size Model(s) TSX-DSZ04R5, TSX-DSZ04T2, TSX-DSZ04T22, TSX-DSZ04T2K, TSX-DSZ08R5, TSX-DSZ08T2, TSX-DSZ08T22, TSX-DSZ08T2K

Panel computers Model(s) HMIGTW735x (&), HMIPSC7AEEx (&), HMIPSC7DEEx (&), HMIPSF7APxx (&), HMIPSF7DPxx (&), MPCKT12xAxxxx (&), MPCKT12xDxxxx (&), MPCKT22xAxxxx (&), MPCKT55xAx (&), MPCKT55xDx2xx (&), MPCST11xxxx (&), MPCST21xAxxxx (&), MPCST21xDxxxx (&), MPCST52xAx2xx (&), MPCST52xDx2xx (&), XBTGTW450, XBTGTW65x (&), XBTGTW750

Panel displays Model(s) XBTGT2430

PC industrial display terminals MAGELIS iPC Model(s) MPC followed by 10 digits Consisting one of the following 3 units, Small Control Box MPC A followed by 4 digits, followed by A or D, followed by 4 digits, Medium Control Box MPC B followed by 4 digits, followed by A or D followed by 4 digits, Large Control Box MPC C followed by 4 digits, followed by A or D, followed by 4 digits. CPU Box MPC Y followed by 3 digits and followed by CPU, followed by 3 digits. Power Supply Modules MPC Y followed by 3 digits, followed by PWSACM, PWSDCM, or PWSACL or PWSACL. Extension Box MPC Y, followed by 3 digits, followed by SLT003 or SLT006.

MPC followed by D or E, followed by 15, followed by N, followed by 2 or 5, followed by A or D, ending with 4 digits.

MPC N followed by T, K or B, followed by 15, ending with 7 digits.

MPC YN followed by 8 digits.

Pendant graphic panels Model(s) XBTGH2460, XBTGH2460B, XBTZGJBOX

Power supplies Model(s) TSX-SUP-11, TSX-SUP-12, TSX-SUP-12A, TSX-SUP-21, TSX-SUP-22, TSX-SUP-22A, TSX-SUP-40, TSX-SUP-401, TSX-SUP-60, TSX-SUP-61, TSX-SUP-62, TSX-SUP-65, TSX-SUP-702, TSX-SUP-80

Power supplies Model(s) 140CPS21400%, 140CPS22400%, 140CPS41400%, 140CPS42400%, 140CPS52400%

Processors Legacy CPU Model(s) 140CPU11302%, 140CPU11303%, 140CPU31110%, 140CPU43412A%, 140CPU43412U%, 140CPU53414B%

Profibus interface boards, open type Model(s) XBTZGPD

Profibus remote masters, open type Model(s) TCSEGA23F14F, TCSEGA23F14FK

Programmable cell controllers Model(s) CCX77 followed by 2 to 4 digits, may be prefixed by T.

CCX77FP followed by 2 to 4 digits, may be prefixed by T.

Programmable Controller Model(s) 140CRP31200, 140CRP31200C, 140NOC77101, 140NOC77101C, 140NOC78000, 140NOC78000C, 140NOC78100, 140NOC78100C, BMXNOC0401, BMXNOC0401C, BMXNOC0401H, BMXNOC0402, BMXNOC0402C, BMXNOC0402H, TSXETC100, TSXETC101

Programmable controllers, "Magelis series" Model(s) BCPMRD, HMI-S5T@, HMI-S65@, HMI-S85@, HMI-SAC@, HMI-SBC@, HMI-SCU6A5@, HMI-SCU6B5@, HMI-SCU8A5@, HMI-SCU8B5@, HMI-STU655@, HMI-STU855@, HMI-ZSURDP@, LV434128, M765RD@, S765RD@

Programmable controllers Model(s) PFXML4201TADAC, PFXML4201TADAK, PFXML4201TADDC, PFXML4201TADDK, PFXML4301TADAC, PFXML4301TADAK, PFXML4301TADDC, PFXML4301TADDK, TSX-107, TSX-47 Junior, TSX-67, TSX-87, TSX071428, TSX072028, TSX073L1612, TSX073L1628, TSX073L2412, TSX073L2428, TSX17-02028, TSX17-12028, TSX17-22012, TSX17-22028, TSX17-22044, TSX17-23428, TSX17-23444, TSX17-24012

Programmable controllers, communication cables, open type, "Terminals Series Magelis" Model(s) TXBT-F followed by a six digit number, followed by E or F.

Programmable display terminals, "Series Magelis" Model(s) Type XBT-E, followed by a five or six digit number

Type XBT-F followed by a six digit number

Type XBT-FC followed by a five or six digit number

Type XBT-H, followed by a five or six digit number

Type XBT-HM followed by a five or six digit number

Type XBT-P, followed by a five or six digit number

Type XBT-PM followed by a five or six digit number

Programmable indicators, open type Model(s) XBTGK2120, XBTGK2330, XBTGK5330

Programmers (portable) Model(s) FTX507, FTX517, may be prefixed by "T"

Programming terminals Model(s) TSX-T607

QUANTUM Series input/output modules Model(s) 140DDO36400%

QUANTUM Series interface modules Model(s) 140NOA61100%

Rack masters Model(s) TSX-LES followed by two suffix numbers or letters.

TSX-LFS followed by two suffix numbers or letters.

Racks Model(s) TSX-RKD7, TSX-RKD8, TSX-RKD8FEW11, TSX-RKN52, TSX-RKN8, TSX-RKN82W11, TSX-RKN8W11, TSX-RKS51, TSX-RKS8, TSX-RKS8W11

Rapid counting and positioning cards Model(s) TSX-AXM#, TSX-AXT#, TSX-CTM#

Remote options Model(s) MPCYN00R followed by two digits coding the cable length and followed by KIT, or CBL.

Serial communication cards Model(s) TSX-SCM

Series battery modules, "Modicon Quantum" Model(s) 140XCP90000%

Series communication modules, "Modicon Quantum" Model(s) 140DCF07700%

Series input modules, "Modicon Quantum" Model(s) 140ERT85400%

Series input/output modules, "Modicon Quantum" Model(s) 140DDO35301%

Series interface modules, "Modicon Quantum" Model(s) 140CRP81100%, 140NOA611100%, 140NOP91100%, 467NHP91151%, 490NAE91100%

Series motion modules, "Modicon Quantum" Model(s) 140MMB10200%, 140MMB10400%, 140MMD10200%, 140MMD10400%

Series TSX Advantys AC discrete input modules Model(s) STBD AI5230\$, STBD AI5260\$, STBD AI7220\$

Series TSX Advantys AC discrete output modules Model(s) STBD AO5260\$, STBD AO8210\$

Series TSX Advantys accessories Model(s) STBXTS5510 Telefast Twido Input.\$, STBXTS5610 Telefast Twido Output.\$, STBXTS5660 Telefast Output, STBXTS6510 Telefast Input.\$

Series TSX Advantys analog i/o modules Model(s) STBACI0320\$, STBACI1225\$, STBACI1230\$, STBACI1400\$, STBACI8320\$, STBACO0120\$, STBACO0220\$, STBACO1210\$, STBACO1225\$, STBACO8220\$, STBART0200\$, STBAVI0300\$, STBAVI1225\$, STBAVI1270\$, STBAVI1275\$, STBAVI1400\$, STBAVO0200\$, STBAVO1250\$, STBAVO1255\$, STBAVO1265\$

Series TSX Advantys auxiliary power supply modules Model(s) STBCPS2111\$

Series TSX Advantys CanBus extension modules Model(s) STBXBE1000\$, STBXBE1100\$, STBXBE1200\$, STBXBE1300\$, STBXBE2100\$

Series TSX Advantys DC discrete input modules Model(s) STBDDI3230\$, STBDDI3420\$, STBDDI3425\$, STBDDI3610\$, STBDDI3615\$, STBDDI3725\$

Series TSX Advantys DC discrete output modules Model(s) STBD DO3200\$, STBD DO3230\$, STBD DO3410\$, STBD DO3415\$, STBD DO3600\$, STBD DO3605\$, STBD DO3705\$

Series TSX Advantys high speed counter modules Model(s) STBEHC3020\$

Series TSX Advantys i/o base modules Model(s) STBXBA1000\$, STBXBA2000\$, STBXBA2200\$, STBXBA2100\$, STBXBA2300\$, STBXBA2400\$

Series TSX Advantys power distribution modules Model(s) STBPDT2100\$, STBPDT2105\$, STBPDT3100\$, STBPDT3105\$

Series TSX Advantys relay output modules Model(s) STBDRA3290\$, STBDRC3210\$

Series TSX Advantys specialty modules Model(s) STBAHI8321\$, STBEPI1145\$, STBEPI2145\$

Setup modules Model(s) TSX-ACZ03

Snap-on plugs Model(s) TSX-RKA01

System momentum communication CPU modules Model(s) CCC 76010 (e), CCC 78010 (e), CCC 78010K (e), CCC 96020 (e), CCC 96030 (e), CCC 96091 (e), CCC 98010 (e), CCC 98020 (e), CCC 98030 (e), CCC 98091 (e), CCS 70000 (e), CCS 70010 (e), CCS 76000 (e), CCS 78000 (e)

System momentum communication modules Model(s) ENT 11000, ENT 11001, ENT 11002, INT 11003, JNN 21032 Ring Adapter, LNT 7100, NEF 11021, NEF 16021, PNN 21022 Ring Adapter MB+, PNN 26022 Ring Adapter MB+ Dual, PNT 11020 MB+, PNT 16020 MB+ Dual

System TIO analog input modules Model(s) 170 BAO 126 00

System TIO analog output modules Model(s) 170 BAI 036 00, 170 BAI 036 01

System TIO Input/output module modules Model(s) 170 BDM 346 02, 170 BDM 379 00, 170 QPR 330 00, 170 QPR 346 00, 170 QPR 346 10, 170 QPR 346 20, 170 QPR 346 21

System TIO output modules Model(s) 170 BDO 354 00

System TIO Power Supply Model(s) 170 CPS 111 00

System TIO Power Supply Module Model(s) 470 IPS 258 00

Time stamping cards Model(s) TSX-DEM

TIO Series Comm. module Model(s) 170 LNT 810 00

TIO Series I/O modules, open type Model(s) 170 INT 110 01

TIO Series interface modules, open type Model(s) 170 DNT 110 00, 170 INT 110 00, 170 INT 110 03, 170 INT 120 00

TIO Series Timer module Model(s) 470 GPS 001 00

TSX Advantys Series network interfaces, " " Model(s) STBNCO1113 (h), STBNCO2212 (h), STBNDN2212 (h), STBNFP2212 (h), STBNIC2212 (h), STBNIP1010 (h), STBNIP2212 (h), STBNIP2311 (h), STBNMP2212 (h)

TSX Advantys Series network interfaces Model(s) STBNCO1010 (h), STBNDN1010 (h), STBNDP1010 (h), STBNDP2212 (h)

TSX57 Series cooling unit kits Model(s) TSX-FAN, TSX-FAN2DP

TSX57 Series interface ethernet card Model(s) AM0ETH001V000, AM0ETH002V000

TSX57 Series interface fipio card Model(s) AM0F1P001V000

TSX57 Series interface mod bus plus card Model(s) AM0MBP001V000

TSX57 Series programmable controllers Model(s) SX-ISPY 101EX

TPCX-57 followed by a three or four digit number, may be followed by M.

TPMX-P57 followed by 1, 2, 3, 4, 5 or 6, followed by 1, 2 or 3 digit number, may be followed by M.

TSX -ETY210, TSX -MFPB 096K, TSX -SAY100, TSX -SAY1000

TSX -TAP followed by 3 or 5 numbers or letters.

TSX-AEY followed by 4, 8 or 16, followed by a 2 digit number.

TSX-ASY410, TSX-ASY800, TSX-BLY01, TSX-CAN-CB followed by 1, 2 or 3 numbers., TSX-CAN-CBDD followed by 1, 2 or 3 numbers., TSX-CAY21, TSX-CAY22, TSX-CAY33, TSX-CAY41, TSX-CAY42, TSX-CBRY2500F, TSX-CBRYK5, TSX-CBY010K, TSX-CBY010KT, TSX-CBY030K, TSX-CBY030KT, TSX-CBY050K, TSX-CBY050KT, TSX-CBY100K, TSX-CBY100KT, TSX-CBY120K, TSX-CBY120KT, TSX-CBY180K, TSX-CBY180KT, TSX-CBY280K, TSX-CBY280KT, TSX-CBY380K, TSX-CBY380KT, TSX-CBY500K, TSX-CBY500KT, TSX-CBY720K, TSX-CBY720KT, TSX-CCP 100, TSX-CCY followed by 2 to 4 digit number., TSX-CFY11, TSX-CFY21, TSX-CPP100, TSX-CPP110, TSX-CSY followed by 2-4 digit number., TSX-CTY2A, TSX-CTY2C, TSX-CTY4A

TSX-CXP followed by 3 or 5 numbers or letters.

TSX-DEY followed by 08, 16, 32 or 64, followed by A2, A3, A4, A5, D2, D3, F or RF , may be followed by K.

TSX-ETY110, TSX-ETY410, TSX-ETY4102, TSX-ETY5101, TSX-ETY5102, TSX-ETY5103, TSX-ETZ410, TSX-ETZ510

TSX-H57 followed by a 4 digit number, followed by M.

TSX-IBX100, TSX-IBY100, TSX-ISPY 100, TSX-ISPY 101, TSX-MBP100, TSX-MCP CXXK, TSX-MCP CXXM, TSX-MFP BAK032P

TSX-MFP followed by a 3 or 4 digit number, followed by P may be followed by 2.

TSX-MFPPxxK, TSX-MFPPxxM, TSX-MRP DS2048P, TSX-MRP0128P, TSX-MRP0256P, TSX-MRP0512P, TSX-MRP064P, TSX-MRP3384P, TSX-MRPCXXK, TSX-MRPCXXM, TSX-MRPFXXM, TSX-MRPPXXK, TSX-MRPPXXM

TSX-P57 followed by 1, 2, 3, 4, 5 or 6, followed by 1, 2 or 3 digit number, may be followed by M.

TSX-P57 followed by 3 or 4 followed by a 2 or 3 digit number, may be followed by L, may be followed by AM

TSX-P57C followed by A or C, followed by 3, 4 or 5 digit number may be followed by M.

TSX-PAY262/282, TSX-PBY10, TSX-PBY100

TSX-PCI-57 followed by a three or four digit number, may be followed by M.

TSX-PCX followed by 4 numbers or letters.

TSX-PSI followed by a three or four digit number, may be followed by M.

TSX-PSY followed by 161, 260, 361, 550 or 552, followed by 0 or 1, may be followed by M.

TSX-REY2002500, TSX-REY2002500F, TSX-REY200K5, TSX-RKA02

TSX-RKY followed by 4, 6, 8 or 12, may be followed by E or X.

TSX-SCP1012, TSX-SCP1014, TSX-SCP1112, TSX-SCP1114, TSX-SUP1011, TSX-SUP1021, TSX-SUP1051, TSX-SUP1101, TSX-SUPA02, TSX-SUPA03, TSX-TLYEX, TSXWMY100, UNY-XCA-USB33, YCP-MFPP128

TSX57 Series programmable controllers Model(s) BATM01, BATM02, BATM03, BATM101, NTP100, TSX DMY28FK, TSX DMY28RFK, TSX-CRJDB25, TSX-CRJMD25, TSX-CUSB232, TSX-CUSB485, TSX-ESY007, TSX-ETG1000, TSX-ETG1010, TSX-ETG3000, TSX-ETG3010, TSX-ETG3021, TSX-ETG3022, TSX-ETG3030, TSX-FPP10, TSX-FPP20, TSX-FPP200, TSX-SCY11601, TSX-SCY21601, TSXETY4103, TSXTVSY100, TSXUSBFIP

XPSMF60 Series afe analog output cards Model(s) XPSMFA0801

XPSMF60 Series CPU modules Model(s) XPSMFCPU22
XPSMF60 Series digital (24) input units Model(s) XPSMFDI2401
XPSMF60 Series digital (32) input units Model(s) XPSMFDI3201
XPSMF60 Series housing with bus (6 E/A places) Model(s) XPSMFGEH01
XPSMF60 Series power supplies Model(s) XPSMFP01
XPSMF60 Series relay output units Model(s) XPSMFD0801
XPSMF60 Series safe analog input cards Model(s) XPSMFAI801
XPSMF60 Series safe counter modules Model(s) XPSMFCIO2401
XPSMF60 Series safe digital I/O modules Model(s) XPSMFDIO241601

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

Accessory Open type Box Unit Model(s) HMIG5U2

Accessory Open type memories, cables, terminal blocks, covers, bundles, "Modicon M340 and M580, Accessories (memories, cables, terminal blocks, covers, bundles, ?)" Model(s) ABE7, followed by CPA, followed by 2 or 3 digit number

BMEPTKMK followed digit numbers

BMX-FC, followed by A or C or W, followed by a 3 or 4 digit number, may be followed by S

BMX-FTA, followed by a 3 digit number, BMX-FTB, followed by a 4 digit number

BMX-FTW, followed a 3 or 4 digit number, may be followed by S

BMX-P followed by AM or DM, followed by 48, 82 or 64, followed by 000, 100 or 200

BMX-RMS followed by 1 or 3 digit, followed by M or G, may be followed by P or PF

BMX-RWS followed by B or C or FC or `blank?', followed by a 3 digit number, followed by M or MWF

BMX-XBC followed by a 4 digit number, followed by K

BMX-XBC, followed digit numbers

BMX-XCA, followed by USB, followed by H, followed a 3 digit number

BMX-XSP followed a 4 digit number

BMX-XTS, followed by CPS, followed a 2 digit number

BMX-XTS, followed by HSC, followed a 2 digit number

NCA followed by 82000 or 84000, TCS-CCN, followed digit numbers, TCS-MCN, followed digit numbers, TCS-XCN, followed digit numbers

Human Machine Interface Model(s) HMIDT752, HMIDT952

Open type, Programmable controllers, "Modicon M340 and M580, Communication modules" Model(s) BME-CRA followed by 31210 or 31210C

BME-NOC followed by 0301, 0301C, 0311, 0311C, 0321 or 0321C

BME-NOS followed by 0300 or 0300C, BMENOP followed by 0300 or 0300C, BMX-CRA followed by 31200, 31210 or 31210C, BMX-EIA followed by 0100, BMX-NGD followed by 0100 or 0100H, BMX-NOC followed by 0401, 0402

BMX-NOE followed by 0100, 0100H, 0110 or 0110H

BMX-NOM followed by 0200 or 0200H, BMX-NOR followed by 0200 or 0200H

BMX-NRP followed by 0200, 0200C, 0201 or 0201C

Open type, Programmable controllers, "Modicon M340 and M580, Digital and analog I/O modules" Model(s) BME-AHI followed by 0812 or 0812H, BME-AHO followed by 0412 or 0412C

BMX-AMI followed by 0410, 0410H, 0800, 0810H or 0810

BMX-AMM followed by 0600 or 0600H

BMX-AMO followed by 0210, 0210H, 0410, 0410H or 0802

BMX-ART followed by 0414, 0414H, 0814 or 0814H

BMX-DAI followed by 1602, 1602H, 0805, 0814, 1603, 1603H, 1604 or 1604H

BMX-DDI followed by 1602, 1602H, 1603, 1603H, 3202K, 3202KH, 6402K or 6402KH or 1604T

BMX-DDM followed by 16022, 16022H or 3202K, 16025 or 16025H

BMX-DDO followed by 1602, 1602H, 1612, 1612H, 3202K, 3202KC, 6402K or 6402KC

BMXDAO followed by 1605 or 1605H

BMXDRA followed by 0804T, 0805, 0805H, 0815, 0815H, 1605 or 1605H

BMXSAI followed by 0410, BMXSDI followed by 1602, BMXSDO followed by 0802, BMXSRA followed by 0405

Open type, Programmable controllers, "Modicon M340 and M580, Power supply modules" Model(s) BMX-CPS followed by 4002 or 4002H, 4002S, 4022, 4022H, 4022S, 3522, 3522H or 3522S

Open type, Programmable controllers, "Modicon M340 and M580, Processor modules" Model(s) BME-P58 followed by 1020, 1020H, 2020, 2020H, 2040, 2040H, 2040S, 3020, 3040, 4020, 4040, 4040S, 5040, 5040C, 6040, 6040C or 6040S

BMEP58CPROS3

BMX-P34 followed by 1000, 1000H, 2000, 2010, 2020, 2020H, 2030, 20102, 20102CL, 20302, 20302CL, 20302H or 20ITRB

Open type, Programmable controllers, "Modicon M340 and M580, Racks" Model(s) BME-XBP followed by 0400, 0400H, 0800, 0800H, 1200 or 1200H

BME-XBP followed by 0602, 0602H, 1002 or 1002H

BMX-XBP followed by 0400, 0400H, 0600, 0600H, 0800, 0800H, 1200 or 1200H

Open type, Programmable controllers, "Modicon M340 and M580, Special modules" Model(s) BMX-EAE followed by 0300 or 0300H

BMX-EHC followed by 0200, 0200H, 0800 or 0800H

BMX-ERT followed by 1604T, BMX-ETM followed by 0200 or 0200H, BMX-MSP followed by 0200, BMX-PRA followed by 0100, BMX-XBE followed by 1000, 1000H or 2005, PMX-CDA followed by 0000

Open type, Programmable controllers, "Modicon MC80" Model(s) BMKC8020300, BMKC8020301, BMKC8030311

Open type, Programmable controllers Model(s) HMIGK2310, HMIGK5310, Modicon M340 and M580

Programmable controllers, "Modicon M340 and M580, Processor modules" Model(s) BME-H58 followed by 2040, 2040C, 4040, 4040C, 6040 or 6040C

BME-H58 followed by 2040K or 4040K (bundle)

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

Modicon M340 and M580 Digital and analog I/O modules Model(s) BMX-DAI followed by 1614, 1614H, 1615, or 1615H

Modicon M340 and M580 power supplies modules Model(s) BMXCPS followed by 2000, 3500, 3500H, 3540T, 2010, 3020, 3020H

Modicon M340 and M580, Digital and analog I/O modules Model(s) BMX-DAO 1615, BMX-DAO 1615H

Open type Box PC and Partial enclosure Display Model(s) HMIBMOxxxxxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

HMIBMPxxxxxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

HMIBMUxxxxxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

HMIPCL2axxbxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

HMIPCCP2axxbxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

HMIPCCU2axxbxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

TM901BMPxxxxxxxxxxxxxx ,The a can be B, 6, D, 7 or J: The b can be A or D: The x can be any alphanumeric character, "-" or blank

Programmable Controllers, "Modicon M340 and M580" Model(s) TSXCAN followed by CA, CADD, CB, CBDD, CD or TDM, followed by 1, 2 or 3 digit number

TSXCAN, followed by KCDF followed by 2 or 3 digit number, followed by T or TP

Programmable Controllers, "Modicon M340, M580, Digital and analog I/O modules" Model(s) BMXDRC followed by 0805 or 0805H followed by 2 or 3 digit number, followed by T or TP

Investigated to

Human Machine Interface Model(s) HMIDT351# Where # may be any letter(s) and/or number(s) or blank

HMIDT542# Where # may be any letter(s) and/or number(s) or blank

HMIDT551# Where # may be any letter(s) and/or number(s) or blank

HMIDT642# Where # may be any letter(s) and/or number(s) or blank

HMIDT643# Where # may be any letter(s) and/or number(s) or blank

HMIDT651# Where # may be any letter(s) and/or number(s) or blank

HMIDT732# Where # may be any letter(s) and/or number(s) or blank

Open type, Programmable controllers Model(s) HMIDADP11xxxxxxxxxx Where "x" may be any alphanumeric character, "-" or blank for marketing purpose only, and no impact safety related constructions and critical components

HMIPCCA2xxxAxxxxxxxxx Where "x" may be any alphanumeric character, "-" or blank for marketing purpose only, and no impact safety related constructions and critical components

HMIPCCA2xxxDxxxxxxxxx Where "x" may be any alphanumeric character, "-" or blank for marketing purpose only, and no impact safety related constructions and critical components

HMISTO705 May be followed by one to three alphanumeric characters.

HMISTO715 May be followed by one to three alphanumeric characters.

HMISTO735 May be followed by one to three alphanumeric characters.

Series TSX Advantys i/o base modules Model(s) STXBA3000\$

TSX Advantys Series network interfaces, " " Model(s) STBNIB1010 (h)

- May be followed by any one to three letter(s) and/or number(s).

\$ - May have suffix K, KS, or KC. Suffix indicates models packaged with a hot swap base and mating connector with screw contacts and mating connector with spring loaded contacts (K), base and mating connector with screw contacts (KS), or base and mating connector with spring loaded contacts (KC).

% - May be followed by C.

(&) - Where x may be any alphanumeric characters

(e) - May be followed by C.

(h) - May be followed by K, KS or KC.

* - May be followed by S.

+ - Where x may be any alphanumerical character.

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

xx - Where xx can be replaced by any alphanumeric character.

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