

# NRNT.E129625 - SWITCHES, INDUSTRIAL CONTROL

## Switches, Industrial Control

See General Information for Switches, Industrial Control

### NEILSEN-KULJIAN INC

3511 CHARTER PARK DR  
SAN JOSE, CA 95136 USA

E129625

### Investigated to ANSI/UL 508

**AC Power transducers, open type** Model(s) *APS1-420-24L-(x), APS2-420-24L-(x), APS4-420-24L-(x)*

**Current operated switches, open type** Model(s) *500, 500(y), 500-HV, 500-HV(y), 500-NC, 500-NC(y), A100-1, A100-1L, A100-2, A100-2L, A100-3, A100-3L, A100-4, A100-4L, A200\*, ACI, followed by -0.5, followed by -L or -P, AGL1-NCR1-120-DEN+, AGL1-NCR1-120-ENE+, AGL1-NCR1-120-LA+, AGL1-NCR1-24U-DEN+, AGL1-NCR1-24U-ENE+, AGL1-NCR1-24U-LA+, AGL1-NOR1-120-DEN+, AGL1-NOR1-120-ENE+, AGL1-NOR1-120-LA+, AGL1-NOR1-24U-DEN+, AGL1-NOR1-24U-ENE+, AGL1-NOR1-24U-LA+, AGL1-SDT1-120-DEN+, AGL1-SDT1-120-ENE+, AGL1-SDT1-120-LA+, AGL1-SDT1-24U-DEN+, AGL1-SDT1-24U-ENE+, AGL1-SDT1-24U-LA+, AGL2-NCR1-120-DEN+, AGL2-NCR1-120-ENE+, AGL2-NCR1-120-LA+, AGL2-NCR1-24U-DEN+, AGL2-NCR1-24U-ENE+, AGL2-NCR1-24U-LA+, AGL2-NOR1-120-DEN+, AGL2-NOR1-120-ENE+, AGL2-NOR1-120-LA+, AGL2-NOR1-24U-DEN+, AGL2-NOR1-24U-ENE+, AGL2-NOR1-24U-LA+, AGL2-STD1-120-DEN+, AGL2-STD1-120-ENE+, AGL2-STD1-120-LA+, AGL2-STD1-24U-DEN+, AGL2-STD1-24U-ENE+, AGL2-STD1-24U-LA+, AGL3-NCR1-120-DEN+, AGL3-NCR1-120-ENE+, AGL3-NCR1-120-LA+, AGL3-NCR1-24U-DEN+, AGL3-NCR1-24U-ENE+, AGL3-NCR1-24U-LA+, AGL3-NOR1-120-DEN+, AGL3-NOR1-120-ENE+, AGL3-NOR1-120-LA+, AGL3-NOR1-24U-DEN+, AGL3-NOR1-24U-ENE+, AGL3-NOR1-24U-LA+, AGL3-STD1-120-DEN+, AGL3-STD1-120-ENE+, AGL3-STD1-120-LA+, AGL3-STD1-24U-DEN+, AGL3-STD1-24U-ENE+, AGL3-STD1-24U-LA+, AM1-NCAC-OL, AM1-NCAC-UL, AM1-NOAC-OL, AM1-NOAC-UL, AM2-NCAC-OL, AM2-NCAC-UL, AM2-NOAC-OL, AM2-NOAC-UL, AM3-NCAC-OL, AM3-NCAC-UL, AM3-NOAC-OL, AM3-NOAC-UL*

*AS1, followed by -NOU or -NCU, followed by CC*

*AS1-NCU-FF-GO, AS1-NCU-FF-NL, AS1-NCU-FT-GO, AS1-NCU-FT-NL, AS1-NCU-SP-GO, AS1-NCU-SP-NL, AS1-NOR-FT-GO, AS1-NOU-FF-GO, AS1-NOU-FF-NL, AS1-NOU-FT-GO, AS1-NOU-FT-NL, AS1-NOU-SP-GO, AS1-NOU-SP-NL, AS1-NOV-FL-GO-SPDT, AS1-NOV-FL-NL-SPDT, AS3 -AADC-FF, AS3 -AADCSP, AS3 -CCDC-FF, AS3 -CCDC-SP, AS3 -NCDC-FF, AS3 -NCDCSP, AS3 -NODC-FF, AS3 -NODCSP, AS3-NCAC-FF, AS3-NCAC-FF-15, AS3-NCAC-FF-NL, AS3-NCAC-SP, AS3-NCAC-SP-15, AS3-NCAC-SP-NL, AS3-NOAC-FF, AS3-NOAC-FF-15, AS3-NOAC-FF-NL, AS3-NOAC-SP, AS3-NOAC-SP-15, AS3-NOAC-SP-NL, ASL1-NCU-FF, ASL1-NCU-SP*

**Current Operated Switches, open type** Model(s) *ASL1-NOU-FF*

**Current operated switches, open type** Model(s) *ASL1-NOU-SP, ASL2-NCU-FF, ASL2-NCU-SP, ASL2-NOU-FF, ASL2-NOU-SP, ASL3-NCU-FF, ASL3-NCU-SP, ASL3-NOU-FF, ASL3-NOU-SP, ASL4-NCU-FF, ASL4-NCU-SP, ASL4-NOU-FF, ASL4-NOU-SP, ASM-NCU(yy)-FT, ASM-NCU(yy)-SP, ASM-NOU(yy)-FT, ASM-NOU(yy)-SP, ASO-NCDC-FL, ASO-NODC-FL, ASX-NCAC-FF, ASX-NCAC-FF-15, ASX-NCAC-FF-NL, ASX-NCAC-SP, ASX-NCU-FT, ASX-NCU-SP, ASX-NOAC-FF, ASX-NOAC-FF-15, ASX-NOAC-FF-NL, ASX-NOAC-SP, ASX-NOU-FT, ASX-NOU-SP, ASXP Series, AT0-005-000, AT0-005-24L, AT0-010-000, AT0-010-24L, AT0-420-000, AT0-420-24L, AT1-005-000, AT1-005-24L, AT1-010-000, AT1-010-24L, AT1-420-000, AT1-420-24L, AT2-005-000, AT2-005-24L, AT2-010-000, AT2-010-24L, AT2-420-000, AT2-420-24L, ATR0-42024L-FF, ATR0-42024L-FT, ATR0-42024L-SP, ATR1-42024L-FF, ATR1-42024L-FT, ATR1-42024L-SP, ATR2-42024L-FF, ATR2-42024L-FT, ATR2-42024L-SP, ATS Series, D100AC-NC-A, D100AC-NC-A-NL, D100AC-NO-A, D100AC-NO-A-NL, D150-1A, D150-1NC-A, D150-2A, D150-3A, D225, D245, D250, HD100, HD100-NC, MM1AC-NC, MM1AC-NO, MM1DC-NC, MM1DC-NO, MM2AC-NC, MM2AC-NO, MM2DC-NC, MM2DC-NO, PD1AC-NC, PD1AC-NO, PD1DC-NC, PD1DC-NO, PD50AC-NC-A, PD50AC-NC-A-NL, PD50AC-NO-A, PD50AC-NO-A-NL, PD75-1, PD75-2, R110, R124, R210, R224, R510, R524, SA100-1, SA100-1L, SA100-2, SA100-2L, SA100-3, SA100-3L, SA100-4, SA100-4L, SA200\*, SC100-1, SC100-1L, SC100-2, SC100-2L, SC100-3, SC100-3L, SC100-4, SC100-4L, SC200\*, SC500, SC500(y), SC500-HV, SC500-HV(y), SC500-NC, SC500-NC(y), SD100AC-NC-A, SD100AC-NC-A-NL, SD100AC-NO-A, SD100AC-NO-A-NL, SD150-1A, SD150-1NC-A, SD150-2A, SD150-3A, SD225, SD245, SD250, SENTRY 100-1, SENTRY 100-1L, SENTRY 100-2, SENTRY 100-2L, SENTRY 100-3, SENTRY 100-3L, SENTRY 100-4, SENTRY 100-4L, SENTRY 200\*, SENTRY 225, SENTRY 250, SENTRY R225, SENTRY R245, SENTRY R250, SENTRY RD225, SENTRY RD245, SENTRY RD250, SENTRY SC225, SENTRY SC245, SENTRY SC250, SENTRY245*

**Current transducers, open type** Model(s) *AT2-420-24LFL, AT3-420-24LFL, AT4-420-24LFL, ATR2-420-24LFL, ATR3-420-24LFL, ATR4-420-24LFL, VTR1-420-24L-DIN, VTR2-420-24L-DIN, VTR3-420-24L-DIN, VTR4-420-24L-DIN, VTR5-420-24L-DIN*

**Industrial Control Switches, "DC Current Sensors"** Model(s) *DT* followed by 2, 3, or 4, followed by -005, -010, or -420, followed by -24U, followed by -U or -BP, followed by -FD. followed by 2, 3, or 4, followed by -005 or -010, followed by -24U, followed by BD, followed by -FD.

**Industrial Control Switches** Model(s) *ASP* followed by 1, 2, 3, 4, 5 or 6, followed by -DPT, followed by -24U, followed by -FD

**Open type, Industrial, Electromechanical switches** Model(s) *AGLD1* or *AGLD2* followed by 1 or 2, followed by *SDT1* followed by 24U or 120, followed by *ENE*, *DEN* or *LA*, followed by *ADJ*.

**Relay modules, open type** Model(s) *PBR-10C-12U*, *PBR-10C-24U*, *PBR-5C-12U*, *PBR-5C-24U*

## Investigated to

**Industrial Control Switches** Model(s) *DS3* followed by -SDT or -NOU, followed by -12U or -24U

*DT* followed by 0, 1, 2, or C followed by -005, -010, -020, or -420, followed by -12U, or -24U, followed by -U or -BP, followed by -FL

*DT* followed by 1, 2, 3, 4, or C followed by -005, -010, -020, or -420, followed by -12U or -24U, followed by -U, -BD, or -BP, followed by -SP

*Model DLT Series* followed by A, B, or C followed by -420 followed by -24L, followed by -U or -BP, followed by -FF, *Model DLT Series* followed by B, C, D, E or F followed by -420, followed by -24L, followed by -U or -BP, followed by -SP

*Series VTD* followed by 0, 1, 2, 3, 4, or 5, followed by -420, 005, or 010 followed by 24U, followed by -DIN

*Series VTU* followed by 0, 1, 2, 3, 4, 5, 6, 8, 10 or 12, followed by -420, 005, or 010 followed by 24U, followed by -OS.

(x) - Where x is 0.5 to 100.

(y) - Where "y" represents any letter form A-Z.

\* - Followed by one or two suffixes.

+ - Followed by three alpha-numeric suffixes.

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# NRNT7.E129625 - SWITCHES, INDUSTRIAL CONTROL CERTIFIED FOR CANADA

## Switches, Industrial Control Certified for Canada

See General Information for Switches, Industrial Control Certified for Canada

**NEILSEN-KULJIAN INC**  
3511 CHARTER PARK DR  
SAN JOSE, CA 95136 USA

E129625

### Investigated to CAN/CSA C22.2 No. 14-13

**Current Operated Switches, open type** Model(s) *ASL1-NOU-FF*

**Current operated switches, open type** Model(s) *ASXP Series, ATS Series*

**Industrial Control Switches, "DC Current Sensors"** Model(s) *DT followed by 2, 3, or 4, followed by -005, -010, or -420, followed by -24U, followed by -U or -BP, followed by -FD. followed by 2, 3, or 4, followed by -005 or -010, followed by -24U, followed by BD, followed by -FD.*

**Industrial Control Switches** Model(s) *ASP followed by 1, 2, 3, 4, 5 or 6, followed by -DPT, followed by -24U, followed by -FD*

**Open type, Industrial, Electromechanical switches** Model(s) *AGLD1 or AGLD2 followed by 1 or 2, followed by SDT1 followed by 24U or 120, followed by ENE, DEN or LA, followed by ADJ.*

### Investigated to CAN/CSA C22.2. No. 14-10

**AC Power transducers, open type** Model(s) *APS1-420-24L-(x), APS2-420-24L-(x), APS4-420-24L-(x)*

**Current operated switches, open type** Model(s) *500, 500(y), 500-HV, 500-HV(y), 500-NC, 500-NC(y), A100-1, A100-1L, A100-2, A100-2L, A100-3, A100-3L, A100-4, A100-4L, A200\*, ACI, followed by -0.5, followed by -L or -P, AGL1-NCR1-120-DEN+, AGL1-NCR1-120-ENE+, AGL1-NCR1-120-LA+, AGL1-NCR1-24U-DEN+, AGL1-NCR1-24U-ENE+, AGL1-NCR1-24U-LA+, AGL1-NOR1-120-DEN+, AGL1-NOR1-120-ENE+, AGL1-NOR1-120-LA+, AGL1-NOR1-24U-DEN+, AGL1-NOR1-24U-ENE+, AGL1-NOR1-24U-LA+, AGL1-SDT1-120-DEN+, AGL1-SDT1-120-ENE+, AGL1-SDT1-120-LA+, AGL1-SDT1-24U-DEN+, AGL1-SDT1-24U-ENE+, AGL1-SDT1-24U-LA+, AGL2-NCR1-120-DEN+, AGL2-NCR1-120-ENE+, AGL2-NCR1-120-LA+, AGL2-NCR1-24U-DEN+, AGL2-NCR1-24U-ENE+, AGL2-NCR1-24U-LA+, AGL2-NOR1-120-DEN+, AGL2-NOR1-120-ENE+, AGL2-NOR1-120-LA+, AGL2-NOR1-24U-DEN+, AGL2-NOR1-24U-ENE+, AGL2-NOR1-24U-LA+, AGL2-STD1-120-DEN+, AGL2-STD1-120-ENE+, AGL2-STD1-120-LA+, AGL2-STD1-24U-DEN+, AGL2-STD1-24U-ENE+, AGL2-STD1-24U-LA+, AGL3-NCR1-120-DEN+, AGL3-NCR1-120-ENE+, AGL3-NCR1-120-LA+, AGL3-NCR1-24U-DEN+, AGL3-NCR1-24U-ENE+, AGL3-NCR1-24U-LA+, AGL3-NOR1-120-DEN+, AGL3-NOR1-120-ENE+, AGL3-NOR1-120-LA+, AGL3-NOR1-24U-DEN+, AGL3-NOR1-24U-ENE+, AGL3-NOR1-24U-LA+, AGL3-STD1-120-DEN+, AGL3-STD1-120-ENE+, AGL3-STD1-120-LA+, AGL3-STD1-24U-DEN+, AGL3-STD1-24U-ENE+, AGL3-STD1-24U-LA+, AM1-NCAC-OL, AM1-NCAC-UL, AM1-NOAC-OL, AM1-NOAC-UL, AM2-NCAC-OL, AM2-NCAC-UL, AM2-NOAC-OL, AM2-NOAC-UL, AM3-NCAC-OL, AM3-NCAC-UL, AM3-NOAC-OL, AM3-NOAC-UL*

*AS1, followed by -NOU or -NCU, followed by CC*

*AS1-NCU-FF-GO, AS1-NCU-FF-NL, AS1-NCU-FT-GO, AS1-NCU-FT-NL, AS1-NCU-SP-GO, AS1-NCU-SP-NL, AS1-NOR-FT-GO, AS1-NOU-FF-GO, AS1-NOU-FF-NL, AS1-NOU-FT-GO, AS1-NOU-FT-NL, AS1-NOU-SP-GO, AS1-NOU-SP-NL, AS1-NOV-FL-GO-SPDT, AS1-NOV-FL-NL-SPDT, AS3 -AADC-FF, AS3 -AADCSP, AS3 -CCDC-FF, AS3 -CCDC-SP, AS3 -NCDC-FF, AS3 -NCDCSP, AS3 -NODC-FF, AS3 -NODCSP, AS3-NCAC-FF, AS3-NCAC-FF-15, AS3-NCAC-FF-NL, AS3-NCAC-SP, AS3-NCAC-SP-15, AS3-NCAC-SP-NL, AS3-NOAC-FF, AS3-NOAC-FF-15, AS3-NOAC-FF-NL, AS3-NOAC-SP, AS3-NOAC-SP-15, AS3-NOAC-SP-NL, ASL1-NCU-FF, ASL1-NCU-SP, ASL1-NOU-SP, ASL2-NCU-FF, ASL2-NCU-SP, ASL2-NOU-FF, ASL2-NOU-SP, ASL3-NCU-FF, ASL3-NCU-SP, ASL3-NOU-FF, ASL3-NOU-SP, ASL4-NCU-FF, ASL4-NCU-SP, ASL4-NOU-FF, ASL4-NOU-SP, ASM-NCU(yy)-FT, ASM-NCU(yy)-SP, ASM-NOU(yy)-FT, ASM-NOU(yy)-SP, ASO-NCDC-FL, ASO-NODC-FL, ASX-NCAC-FF, ASX-NCAC-FF-15, ASX-NCAC-FF-NL, ASX-NCAC-SP, ASX-NCU-FT, ASX-NCU-SP, ASX-NOAC-FF, ASX-NOAC-FF-15, ASX-NOAC-FF-NL, ASX-NOAC-SP, ASX-NOU-FT, ASX-NOU-SP, AT0-005-000, AT0-005-24L, AT0-010-000, AT0-010-24L, AT0-420-000, AT0-420-24L, AT1-005-000, AT1-005-24L, AT1-010-000, AT1-010-24L, AT1-420-000, AT1-420-24L, AT2-005-000, AT2-005-24L, AT2-010-000, AT2-010-24L, AT2-420-000, AT2-420-24L, ATR0-42024L-FF, ATR0-42024L-FT, ATR0-42024L-SP, ATR1-42024L-FF, ATR1-42024L-FT, ATR1-42024L-SP, ATR2-42024L-FF, ATR2-42024L-FT, ATR2-42024L-SP, D100AC-NC-A, D100AC-NC-A-NL, D100AC-NO-A, D100AC-NO-A-NL, D150-1A, D150-1NC-A, D150-2A, D150-3A, D225, D245, D250, HD100, HD100-NC, MM1AC-NC, MM1AC-NO, MM1DC-NC, MM1DC-NO, MM2AC-NC, MM2AC-NO, MM2DC-NC, MM2DC-NO, PD1AC-NC, PD1AC-NO, PD1DC-NC, PD1DC-NO, PD50AC-NC-A, PD50AC-NC-A-NL, PD50AC-NO-A, PD50AC-NO-A-NL, PD75-1, PD75-2, R110, R124,*

R210, R224, R510, R524, SA100-1, SA100-1L, SA100-2, SA100-2L, SA100-3, SA100-3L, SA100-4, SA100-4L, SA200\*, SC100-1, SC100-1L, SC100-2, SC100-2L, SC100-3, SC100-3L, SC100-4, SC100-4L, SC200\*, SC500, SC500(y), SC500-HV, SC500-HV(y), SC500-NC, SC500-NC(y), SD100AC-NC-A, SD100AC-NC-A-NL, SD100AC-NO-A, SD100AC-NO-A-NL, SD150-1A, SD150-1NC-A, SD150-2A, SD150-3A, SD225, SD245, SD250, SENTRY 100-1, SENTRY 100-1L, SENTRY 100-2, SENTRY 100-2L, SENTRY 100-3, SENTRY 100-3L, SENTRY 100-4, SENTRY 100-4L, SENTRY 200\*, SENTRY 225, SENTRY 250, SENTRY R225, SENTRY R245, SENTRY R250, SENTRY RD225, SENTRY RD245, SENTRY RD250, SENTRY SC225, SENTRY SC245, SENTRY SC250, SENTRY245

**Current transducers, open type** Model(s) AT2-420-24LFL, AT3-420-24LFL, AT4-420-24LFL, ATR2-420-24LFL, ATR3-420-24LFL, ATR4-420-24LFL, VTR1-420-24L-DIN, VTR2-420-24L-DIN, VTR3-420-24L-DIN, VTR4-420-24L-DIN, VTR5-420-24L-DIN

**Relay modules, open type** Model(s) PBR-10C-12U, PBR-10C-24U, PBR-5C-12U, PBR-5C-24U

## Investigated to

**Industrial Control Switches** Model(s) DS3 followed by -SDT or -NOU, followed by -12U or -24U

DT followed by 0, 1, 2, or C followed by -005, -010, -020, or -420, followed by -12U, or -24U, followed by -U or -BP, followed by -FL

DT followed by 1, 2, 3, 4, or C followed by -005, -010, -020, or -420, followed by -12U or -24U, followed by -U, -BD, or -BP, followed by -SP

Model DLT Series followed by A, B, or C followed by -420 followed by -24L, followed by -U or -BP, followed by -FF, Model DLT Series followed by B, C, D, E or F followed by -420, followed by -24L, followed by -U or -BP, followed by -SP

Series VTD followed by 0, 1, 2, 3, 4, or 5, followed by -420, 005, or 010 followed by 24U, followed by -DIN

Series VTU followed by 0, 1, 2, 3, 4, 5, 6, 8, 10 or 12, followed by -420, 005, or 010 followed by 24U, followed by -OS.

(x) - Where x is 0.5 to 100.

(y) - Where "y" represents any letter form A-Z.

\* - Followed by one or two suffixes.

+ - Followed by three alpha-numeric suffixes.

Last Updated on 2018-10-30

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