

# AMCX.S4019 - CENTRAL-STATION ALARM UNITS

## Central-station Alarm Units

See General Information for Central-station Alarm Units

### **DIGITAL SECURITY CONTROLS, DIV OF TYCO SAFETY PRODUCTS CANADA LTD**

S4019

95 BRIDGELAND AVE

TORONTO, ON M6A 1Y7 CANADA

### **Investigated to UL 1610 4th Ed. Issued: 2016-07-05**

CU subassemblies, Enclosures, Model(s) *HSC3010C, HSC3020C*

CU subassemblies, zone expanders, Model(s) *HSM3408*

CU subassembly: communicator expanders, Model(s) *PCL-485*

CU subassembly: IP/LTE dual path alarm communicator board, Model(s) *ADC-620T, ADC-620TE, ADC-620TF*

Subassemblies, Corbus repeater, power supply module, Model(s) *HSM3204CX*

Subassemblies, Power supply module, Model(s) *HSM3350*

Subassembly, Communicator PCB assembly, Model(s) *LE4010 PCB, LE4020 PCB*

Control unit subassemblies, Model(s) *T-Link TL250, T-Link TL300*

CU accessories, Model(s) *PC5580TC, PC5400*

CU accessory, telco voltage boosters, for use with **GS3060**, Model(s) *GS-BOOST*

CU accessory: backboxes, Model(s) *AML900A, AML-900B, AML-900C*

CU accessory: GSM-GPRS/3G alarm communicators, Model(s) *3G4010CF*

CU accessory: keyfobs, for use with alarm controller **HS2128, HS2064, HS2032 or HS2016**, Model(s) *PG9949, PG9929, PG9939*

CU accessory: keypads, Model(s) *LCD-4501, LCD-4501T, PK5500, PK5501, PK5508, PK5516, PTK5507*

*LCD5511, LED5511, PC1555RKZ, PKP-1CN, PKP-LCD, PKP-400*

CU accessory: keypads with RF receivers, for with alarm controller **HS2128, HS2064, HS2032 or HS2016**, Model(s) *HS2LCDRF9, HS2LCDRFP9, HS21CNRFP9, HS21CNRFP9*

CU accessory: keypads, use with alarm controller **HS2128, HS2064, HS2032 or HS2016**, Model(s) *HS2LCD, HS2LCDP, HS21CN, HS21CNP, HS2LED, HS2TCHP*

CU accessory: large audio stations, Model(s) *PC5964E*

CU accessory: loop isolators, Model(s) *AML-770A, AML-770B, AML-770C*

CU accessory: point interface modules, Model(s) *AMP-704*

CU accessory: power reversal modules, Model(s) *PRM 2W, PRM 2WC, PRM 4W, PRM 4WC*

CU accessory: RF receivers, for use with alarm controller HS2128, HS2064, HS2032 or HS2016, Model(s) *HSM2HOST9*

CU accessory: RF repeaters, for use with alarm controller HS2128, HS2064, HS2032 or HS2016, Model(s) *PG9920*

CU accessory: small audio stations, Model(s) *PC5961E*

CU accessory: wire less keypads, Model(s) *WT5500-433, WT5500P-433*

CU accessory: wireless keypads, Model(s) *HS2LCDWFPV9, HS2LCDWFP9 or HS2LCDWF9*, for use with combination control unit *HS2128, HS2064, HS2032 or HS2016*, used in conjunction with the compatible wireless transceiver *HSM2HOST9* or keypads with integrated wireless transceiver *HS2LCDRF(P)9 or HS2ICNRF(P)9*.

*WTK5504P-433, WTK5504-433*

CU assemblies, Model(s) *AMX-400, AMP-704, PC5100, PC5108, PC5108D, PC5208*

CU assembly: control units with integral digital alarm communicator transmitters, Model(s) *PC580, PC585*

CU assembly: serial interface modules, for use with PC4020 control unit., Model(s) *PC4401, KT4401VK*

CU assembly: switched transistor output modules, Model(s) *PC4216*

CU assembly: voice assisted security modules, Model(s) *ESCORT PC4580*

CU assembly: zone expanders, Model(s) *PC4108, PC-4116*

CU enclosures, Model(s) *PC500C, PC5003C, AMP-704*

CU subassembly: 3G cellular alarm communicators, Model(s) *3G8055 NEO, 3G8055I NEO*

CU subassembly: audio verification interfaces, Model(s) *HSM2955, HSM2955R*

CU subassembly: auxiliary power supplies, Model(s) *PC5200, PC5204*

CU subassembly: bell output modules, Model(s) *PC4702BP*

CU subassembly: CDMA cellular alarm communicators, Model(s) *CD8055 NEO, CD8055I NEO*

CU subassembly: communicator expanders, Model(s) *PCL-422 TLINK*, for use with IP/GSM-GPRS dual alarm communication interface - *TL2803GR or TL2803G*; GSM-GPRS alarm communication interface - *3G2080, 3G2080R*; IP alarm communication interface - *TL280, TL280R*./

CU subassembly: dual dialer modules, Model(s) *PC4701*

CU subassembly: GSM-GPRS dual alarm communication interfaces, Model(s) *3G2080RE, 3G2080E, TL2803GR, TL2803G*

CU subassembly: IP alarm communication interfaces, Model(s) *TL280, TL280R, TL280RE, TL280E*

CU subassembly: IP/GSM-GPRS dual alarm communication interfaces, Model(s) *TL2803GR, TL2803G, TL2803GRE, TL2803GE*

CU subassembly: PCB assemblies, Model(s) *3G3070*

CU subassembly: PGM output modules, Model(s) *HSM2208*

CU subassembly: power supplies, Model(s) *HSM2300, HSM2204*

CU subassembly: remote annunciators, Model(s) *PC4632, PC4664*

CU subassembly: zone expanders, Model(s) *HSM2108*

Wireless CU accessory: RF receivers, Model(s) *RF5132-433*

Wireless CU accessory: RF receivers / wireless repeaters, Model(s) *RF5132-433 / WS4920*, for use with DSC control panel - *PC1864, PC1832, PC1616* and compatible *WS4904P, WS4945CB, WLS912L-433, WS4939*.

Wireless CU accessory: RF receivers and transmitters, Model(s) *TR5164-433*

**Investigated to UL 1610 4th Ed. Issued: 2016-07-05**

**Line Security Specifications**

| Model   | Product  | Notes | Line Security | Remote Connection | Conditions and Notes   |
|---|--|-------|---------------|-------------------|--|
| <b>Investigated to UL 1610 4th Ed. Issued: 2016-07-05</b> |  |       |               |                   |  |
| <b>TL880LT,<br/>TL880LE</b>                               | CU accessory:<br>IP/LTE dual path<br>alarm<br>communicator | -     | Standard      | No                | -  |
|   |  |       | Encrypted     | No                | -  |
| <b>TL880LTE,<br/>TL880LTE-<br/>485,<br/>TL880LE-485</b>   | CU accessory:<br>IP/LTE dual path<br>alarm<br>communicator | -     | Standard      | No                | -  |
|   |  |       | Encrypted     | No                | -  |
| <b>LE4000</b>   | CU accessory: LTE<br>alarm<br>communication<br>interfaces  | -     | Standard      | -                 | -  |
|   |  |       | Encrypted     | -                 | -  |
| <b>LE4010,<br/>LE4010CF</b>                               | CU accessory: LTE<br>alarm<br>communicators                | -     | Encrypted     | -                 | -  |
|   |  |       | Standard      | -                 | -  |
| <b>LE4020,<br/>LE4020CF</b>                               | CU accessory: LTE<br>alarm<br>communicators                | -     | Encrypted     | -                 | -  |
|   |  |       | Standard      | -                 | -  |
| <b>3G9080</b>   | CU subassemblies,<br>3G alarm<br>communicators             | -     | Standard      | Yes               | -  |
|   |  |       | Encrypted     | Yes               | -  |
| <b>HS3128 PCB,<br/>HS3032 PCB</b>                         | CU subassemblies,<br>alarm controllers                     | -     | Standard      | Yes               | The Installation shall use the two internal communicators, dialer (DACT) and on-board Ethernet communicator together, or one of the internal communicators in conjunction with Models LE9080, 3G9080 or 3H9080 transmitter |

|                                     |  |   |           |     |   |
|-------------------------------------|--|---|-----------|-----|---|
|                                     |  |   | Encrypted | Yes | For Encrypted Line Security, a minimum of 128 bits NIST encryption shall be enabled.  |
| <b>LE9080</b>                       | CU subassemblies, LTE alarm communicators  | - | Standard  | Yes | -   |
|                                     |  |   | Encrypted | Yes | -   |
| <b>3H9080</b>                       | CU subassemblies: 3G alarm communicators   | - | Standard  | Yes | -   |
|                                     |  |   | Encrypted | Yes | -   |
| <b>PC1616, PC1832, PC1864</b>       | Combination control units, incorporates a digital alarm communicator transmitter | - | Encrypted | -   | When used in conjunction with Model T-Link TL250/TL300 network card, TL260GS IP/GSM Communicator, GS2060 GSM Communicator or TL260 IP Communicator and communicating to receiver Models SG-System III constructed with the SG-DRL3-IP line card, SG-System II or SG-System I. |
| <b>PC4020</b>                       | Control units  | - | Encrypted | -   | When used in conjunction with Model T-Link TL250/TL300 network card and Model SG-System I or SG-System II or SG-System III Receiver constructed with the SG-DRL3-IP line card.  |
| <b>3G3070, 3G3070-RF, 3G3070-CF</b> | CU accessories   | - | Standard  | -   | Intended for primary use (heartbeat enabled) when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions.   |

|  |   |   |           |   |   |
|--|---|---|-----------|---|---|
| <b>GS3055-ICF,<br/>GS3060,<br/>GS3060-RF</b> | CU accessory:<br>GSM-GPRS<br>cellular<br>communicators    | - | Standard  | - | Intended for primary use (heartbeat enabled) when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions.   |
| <b>3G4010</b>                                | CU accessory:<br>GSM-GPRS/3G<br>alarm<br>communicators    | - | Standard  | - | Intended for use as a primary communicator, or as a secondary communicator when used in conjunction with a DACT. Standard Line Security - Heartbeat must be enabled.  |
|  |   |   | Encrypted | - | Intended for use as a primary communicator, or as a secondary communicator when used in conjunction with a DACT. Encrypted Line Security - Both Heartbeat and Encryption must be enabled.   |
| <b>3G4000,<br/>3G4000RF</b>                  | CU accessory:<br>GSM-GPRS/3G<br>cellular<br>communicators | - | Standard  | - | Intended for primary use when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions. Standard Line Security - Heartbeat must be enabled.   |
|  |   |   | Encrypted | - | Intended for primary use when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions. Encrypted Line Security - Both Heartbeat and Encryption must be enabled<br>Line Security - Heartbeat must be enabled. |

|   |   |   |           |   |  |
|---|---|---|-----------|---|--|
| <b>3G4010</b>                                     | CU accessory: PCB assemblies                    | - | Standard  | - | Intended for use as a primary communicator, or as a secondary communicator when used in conjunction with a DACT. Standard Line Security - Heartbeat must be enabled.   |
|   |   |   | Encrypted | - | Intended for use as a primary communicator, or as a secondary communicator when used in conjunction with a DACT. Encrypted Line Security - Both Heartbeat and Encryption must be enabled.  |
| <b>3G8080,<br/>3G8080I</b>                        | CU subassembly: 3G cellular alarm communicators | - | Standard  | - | Intended for primary use when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions. Standard Line Security - Heartbeat must be enabled.  |
|   |   |   | Encrypted | - | Intended for primary use when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions. Encrypted Line Security - Both Heartbeat and Encryption must be enabled<br>Line Security - Heartbeat must be enabled.              |
| <b>HS2128,<br/>HS2064,<br/>HS2032,<br/>HS2016</b> | CU subassembly: alarm controllers               | - | Standard  | - | When used in conjunction with model TL2803GR, TL2803G IP/GSM-GPRS Dual Alarm Communication Interface, 3G280,3G280R GSM-GPRS Alarm Communication Interface, TL280,TL280R IP Alarm Communication Interface encrypted line security. When using control panel integral DACT no line security. |

|                              |   |   |           |   |  |
|------------------------------|---|---|-----------|---|--|
|                              |   |   | Encrypted | - | When used in conjunction with model TL2803GR, TL2803G IP/GSM-GPRS Dual Alarm Communication Interface, 3G280,3G280R GSM-GPRS Alarm Communication Interface, TL280,TL280R IP Alarm Communication Interface encrypted line security. When using control panel integral DACT no line security. |
| <b>CD8080,<br/>CD8080I</b>   | CU subassembly:<br>CDMA cellular<br>alarm<br>communicators          | - | Standard  | - | Intended for primary use when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions. Standard Line Security - Heartbeat must be enabled.  |
|                              |   |   | Encrypted | - | Intended for primary use when used with separately Listed DSC control units as specified in the control unit or communicator installation instructions. Encrypted Line Security - Both Heartbeat and Encyption must be enabled<br>Line Security - Heartbeat must be enabled.               |
| <b>TL280LER,<br/>TL280LE</b> | CU subassembly:<br>IP/LTE dual alarm<br>communication<br>interfaces | - | Standard  | - | -  |
|                              |   |   | Encrypted | - | -  |
| <b>LE2080R,<br/>LE2080</b>   | CU subassembly:<br>LTE alarm<br>communication<br>interfaces         | - | Standard  | - | -  |
|                              |   |   | Encrypted | - | -  |

|   |   |             |   |   |
|---|---|-------------|---|---|
| <b>GS2060,<br/>GS2060-SM,<br/>GS2060-RS,<br/>3G2060R,<br/>3G2060,<br/>3G2080,<br/>3G2080R</b> | CU subassembly:<br>PSDN GSM<br>communicators    | - Encrypted | - | When used with separately Listed DSC control units and other required equipment as specified in the control unit or communicator installation instructions. |
| <b>TL260,<br/>TL280,<br/>TL260R,<br/>TL280R,<br/>TL260-SM,<br/>TL260-RS</b>                   | CU subassembly:<br>PSDN IP<br>communicators     | - Encrypted | - | When used with separately Listed DSC control units and other required equipment as specified in the control unit or communicator installation instructions. |
| <b>TL260GS,<br/>TL260GS-SM,<br/>TL260GS-RS,<br/>TL2603GR,<br/>TL2803GR,<br/>TL2603G</b>       | CU subassembly:<br>PSDN IP/GSM<br>communicators | - Encrypted | - | When used with separately Listed DSC control units and other required equipment as specified in the control unit or communicator installation instructions. |

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