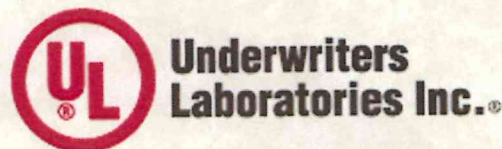


Certificate of Compliance

Certificate Number **20050512-E232869**
Report Reference **E232869-2003 March 06**
Issue Date **2005 May 12**

Page 1 of 2



Issued to:

GECMA COMPONENTS GMBH

Heisenberg str 26-40
50169 Kerpen Germany

*This is to certify that
representative samples of*

Programmable Controllers

Challenger Computer Terminal including all components shown on page 2 of this Certificate.

*Have been investigated by Underwriters Laboratories Inc.® in
accordance with the Standard(s) indicated on this Certificate.*


Standard(s) for Safety:

UL 60079-0 Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
UL 60079-5 Electrical Apparatus for Explosive Gas Atmospheres - Part 5: Powder Filling "q"
UL 60079-7 Electrical Apparatus for Explosive Gas Atmospheres - Part 7: Increased Safety "e"
UL 60079-11 Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
UL 60950 Safety of Information Technology Equipment


Additional Information:

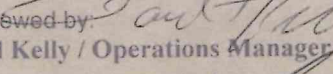
All components that make up the Challenger terminal have an ambient temperature rating of -10 to +60°C. The PSU14i power supply has an input rating of 24 V dc, 3 A. The PSU2 power supply has an input rating of 100 to 240 V ac, 50/60 Hz. The X2 connector on the 15i/18i UVI displays and the BU1 connector on the KB-2D/KBU-2D/MTD-2D keyboards and decoder are assigned entity parameters as stated on the control drawing 30100162.

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.

The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product

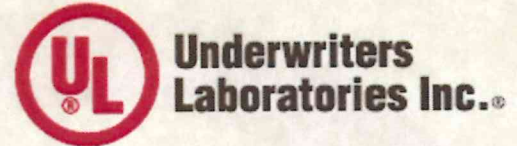
Issued by: 
Frederic J. Cleary / Lead Engineering Associate
Underwriters Laboratories Inc.

Reviewed by: 
Paul Kelly / Operations Manager
Underwriters Laboratories Inc.

Certificate of Compliance

Certificate Number **20050512-E232869**
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Page 2 of 2



Associated apparatus for use in nonhazardous locations, provides intrinsically safe circuits for use in Class I, Zone 1, Group IIC Hazardous Locations when connected in accordance with control drawing 30100162.

Challenger TCV2i terminal transmission unit, [AEx ib] IIC
Challenger TCS1is RS232 transmission interface, [AEx ib] IIC

Associated apparatus for use in Class I, Zone 1 Group IIC Hazardous Locations, provides intrinsically safe circuits when connected in accordance with control drawing 30100162.

Challenger PSU14i/6/543 terminal power supply unit, AEx qe [ib] IIC T4
Challenger PSU14i/8/543 terminal power supply unit, AEx qe [ib] IIC T4

Class I, Zone 1 Group IIC Hazardous Locations, intrinsically safe when connected in accordance with control drawing 30100162.

Challenger 15i-2-FMO terminal display unit, AEx ib IIC T4
Challenger Touch 15i-2-FMO terminal display, AEx ib IIC T4
Challenger 15i-2-FMO UVI terminal display unit, AEx ib IIC T4
Challenger Touch 15i-2-FMO UVI terminal display, AEx ib IIC T4
Challenger 18i-FMO terminal display unit, AEx ib IIC T4
Challenger Touch 18i-FMO terminal display, AEx ib IIC T4
Challenger 18i-FMO UVI terminal display unit, AEx ib IIC T4
Challenger Touch 18i-FMO UVI terminal display, AEx ib IIC T4
Challenger KB terminal keyboard unit, AEx ib IIC T4
Challenger KB-2D terminal keyboard unit, AEx ib IIC T4
Challenger KMU terminal keyboard unit, AEx ib IIC T4
Challenger KMU-2D terminal keyboard unit, AEx ib IIC T4
Challenger MTD mouse/trackball decoder, AEx ib IIC T4
Challenger MTD-2D mouse/trackball decoder, AEx ib IIC T4
Challenger M terminal mouse unit, AEx ib IIC T4
Challenger TB terminal trackball unit, AEx ib IIC T4
Challenger RS11i-X RS232 receiving interface, AEx ib IIC T4
Challenger Cri terminal card reader, AEx ib IIC T4

Issued by: *Frederic J. Cleary*
Frederic J. Cleary / Lead Engineering Associate
Underwriters Laboratories Inc.

Reviewed by: *Paul Kelly*
Paul Kelly / Operations Manager
Underwriters Laboratories Inc.