

EU Declaration of Conformity

EU-Konformitätserklärung

We, **GECMA Components electronic GmbH**, Heinrich- Hertz- Strasse 12, 50170 Kerpen, Germany

declare under our sole responsibility that the **Challenger PC Terminals (Ex) range** listed below, to which this declaration relates, conform with the requirements of the Directives below by compliance with the standards listed.

Wir erklären in alleiniger Verantwortung, dass unsere Produkte auf welches sich diese Erklärung bezieht, den Bestimmungen der folgenden Richtlinien entspricht:

EMC Directive/EMV-Richtlinie - Directive 2014/30/EU relating to Electromagnetic Compatibility.

- a. EN 61326-1:2013 Class A equipment. Table 2 – Industrial locations
- b. EN 55022:2010
- c. EN 55024:2010+A1:2011 Class A equipment.

Low Voltage Directive/Niederspannungsrichtlinie - Directive 2014/35/EU relating to Product Safety.

- d. EN 61010-2-201:2013

Compliance with the Low Voltage Directive (LVD) is not required for products covered by the ATEX Directive, however it is included in this declaration as the LVD may apply to these products if they are used in situations not covered by the ATEX Directive.

ATEX Directive/ATEX-Richtlinie - Directive 2014/34/EU relating to equipment and protective systems intended for use in potentially explosive atmospheres.

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|------------------------------|----------------------|
| e. EN 60079-0:2012+A11:2013† | i. EN 60079-7:2007 |
| f. EN 60079-5:2007† | j. EN 60079-11:2012† |
| g. EN 60079-5:2007 | k. EN 60079-26:2007† |
| h. EN 60079-7:2007† | |

† Where products were initially assessed for compliance with the Essential Health and Safety Requirements of the Directive using earlier harmonised standards, a subsequent review has determined that compliance is unaffected by the current harmonised standard(s) listed above.

Products covered by this declaration:

Product (See note 13)	Description	EMC ¹ Standards	LVD ¹ Standards	Year LVD Applied	ATEX ¹ Standards	ATEX ² Marking	ATEX Cert. No.
Challenger 15i-2-FMO	Challenger 15" terminal, panel mount	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger 18i-FMO	Challenger 18" terminal, panel mount	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger 22i-FMO (see note 14)	Challenger 22" terminal, panel mount	a	d	2012	e, j	3	DMT 00 ATEX E 089 X
Challenger Touch 15i-2-FMO	Challenger Touch 15" terminal, panel mount	b, c	d	2006	e, j	3	TUV 02 ATEX 1959
Challenger Touch 18i-FMO	Challenger Touch 18" terminal, panel mount	b, c	d	2006	e, j	3	TUV 02 ATEX 1959
Challenger Touch 22i-FMO	Challenger Touch 22" terminal, panel mount	a	d	2012	e, j	3	DMT 00 ATEX E 089 X
Challenger 15i-2-HB-FMO	Challenger Touch 15" terminal, panel mount, high brightness	b, c	d	2005	e, j	4	BVS 05 ATEX E 020
Challenger KBi	Keyboard	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger KMUi	Keyboard and Mouse unit	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger KBi-PS2	Keyboard	b, c	d	2005	e, j	5	BVS 05 ATEX E 174X
Challenger KBi-PS2-B	Keyboard	b, c	d	2005	e, j	5	BVS 05 ATEX E 174X
Challenger KMUi-PS2	Keyboard and Mouse unit	b, c	d	2005	e, j	5	BVS 05 ATEX E 174X
Challenger KMUi-PS2-B	Keyboard and Mouse unit	b, c	d	2005	e, j	5	BVS 05 ATEX E 174X
Challenger Mi	Mouse	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger Mi-PS2	Mouse	b, c	d	2005	e, j	5	BVS 05 ATEX E 175
Challenger Mi-PS2-B	Mouse	b, c	d	2005	e, j	5	BVS 05 ATEX E 175
Challenger MTDi	Mouse/trackball unit	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger TBi	Trackball	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger TBi-B6	Trackball	b, c	d	2000	e, j	3	DMT 00 ATEX E 089 X
Challenger TBi-B12	Trackball	b, c	d	2000	e, j	6	DMT 00 ATEX E 089 X
Challenger TCV2i	Transmission Unit	b, c	d	2002	e, j	3	DMT 02 ATEX E 141
Challenger CRi	Card Reader	b, c	d	2004	e, j, k	7	TUV 04 ATEX 2459
Challenger Ji	Joystick	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2459
Challenger Ji-B6	Joystick	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2459
Challenger Ji-B12	Joystick	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2459
Challenger Ji SW	Joystick	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2459
Challenger Ji-B6 SW	Joystick	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2459
Challenger Ji-B12 SW	Joystick	b, c	d	2004	e, j, k	7	TUV 04 ATEX 2458
Challenger TPi	Touch Pad	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2458
Challenger TPi-B6	Touch Pad	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2458
Challenger TPi-B12	Touch Pad	b, c	d	2006	e, j, k	7	TUV 04 ATEX 2458
Challenger PSU14i/* /468 (see note 11)	Power Supply	b, c	d	2000	e, f, h, j	8	DMT 00 ATEX E 090
Challenger PSU14i/* /543 (see note 11)	Power Supply	b, c	d	2000	e, f, h, j	8	DMT 00 ATEX E 090
Challenger PSU150i/* /468 (see note 11)	Power Supply	b, c	d	2003	e, f, h, j	8	TUV 03 ATEX 2032
Challenger PSU150i/* /543 (see note 11)	Power Supply	b, c	d	2003	e, f, h, j	8	TUV 03 ATEX 2032

Challenger PSU150/12	Power Supply		b, c	d	2003	e, f, h, j	8	TUV 03 ATEX 2032
Challenger PSU150/15	Power Supply		b, c	d	2003	e, f, h, j	8	TUV 03 ATEX 2032
Challenger PSU150/24	Power Supply		b, c	d	2003	e, f, h, j	8	TUV 03 ATEX 2032
Challenger RS232***1i-* (see note 12)	RS232 Interface		b, c	d	2003	e, j	9	DMT 03 ATEX E 032X
CPS-1ac	AC Power Supply		a	d	2011	e, f, g, i	10	TUV 11 ATEX 7018X
CPS-1dc	DC Power Supply		a	d	2011	e, f, g, i	10	TUV 11 ATEX 7018X

Notes:

- 1 Entries in this column may be either letter notation (a,b,c etc..) indicating which standards from page 1 apply, or N/A if the directive does not apply
- 2 Entries in this column refer to notes below indicating ATEX markings present on products, or N/A if the directive does not apply
- 3 ATEX marking ☐ II 2 G Ex ib IIC T4 Gb -10°C ≤ Ta ≤ +60°C
- 4 ATEX marking ☐ II 2 G Ex ib IIC T4 Gb -40°C ≤ Ta ≤ +70°C
- 5 ATEX marking ☐ II 1 G Ex ib IIC T4 -20°C ≤ Ta ≤ +60°C or ☐ II 2 G Ex ib IIC T4 -30°C ≤ Ta ≤ +70°C
- 6 ATEX marking ☐ II (2) G [Ex ib Gb] IIC -10°C ≤ Ta ≤ +60°C
- 7 ATEX marking ☐ II 1 G Ex ia IIB T4 -20°C ≤ Ta ≤ +60°C or ☐ II 2 G Ex ia IIC T4 -40°C ≤ Ta ≤ +70°C
- 8 ATEX marking ☐ II 2 G Ex q e [ib] IIC T4 -10°C ≤ Ta ≤ +60°C
- 9 ATEX marking ☐ II (2) G [Ex ib] IIC -10°C ≤ Ta ≤ +60°C, ☐ II 2 G Ex ib IIC T4 Gb -10°C ≤ Ta ≤ +60°C
- 10 ATEX marking ☒ II 2 G Ex q e [ib] IIC T4 -10°C ≤ Ta ≤ +50°C
- 11 Where * is 1 to 8
- 12 Where *** is TCS, RSI or EBU, and * is 5V1, 6V8, 8V2 or X
- 13 Product numbers may contain suffixes which do not affect the compliance status detailed here
- 14 Criterion B pass only for EMC compliance. Under radiated immunity testing some visual disturbances may be seen on the display, but does not obscure any content

Notified Bodies responsible for issuing Cat 1 or 2 ATEX Certificates:

- 0032 TuV Nord, 30519 Hannover, Germany
- 0035 TuV Rheinland, 51105 Cologne, Germany
- 0158 DEKRA EXAM GmbH, 44809 Bochum, Germany

Notified Body responsible for ATEX QA regimes:

- 0035 TuV Rheinland, 51105 Cologne, Germany