

ExPC Technical Specification 031110

Power requirements	90-264V AC @ 50-60Hz
Power Consumption	25W typ.
· ·	
Dimensions	
Interface	320x240x60mm
Display	335x320x50mm
Keyboard	335x227x20mm
Weight	
Interface	3.5Kg
Display	8.0Kg
Keyboard	1.5Kg
Stand	2.0Kg

Declaration of Conformity - DISPLAY

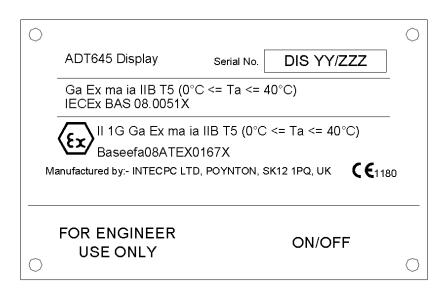
The Display is Intrinsically Safe Apparatus, Category 1, suitable for use in Zone 0 hazardous areas.

The manufacturer hereby declares with sole responsibility that the ADT645 Display and Keyboard complies with the following International and EU directives and standards:

89/336EEC EMC	Emissions EN 61000-6-4 2007	Industrial Environment
	Immunity EN 61000-6-1 2007	Residential, commercial and light industrial
	Immunity EN 61000-6-2 2005	Industrial Environment
FCC/CFR 47:15	FCC/CFR 47:Part 15:2009	Unintentional Radiators
	EN60529: 1992	Ingress Protection: IP54
94/9/EEC ATEX	EN 60079-0:2006	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
	EN 60079-11:2007	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i'
	EN 60079-18: 2004	Electrical apparatus for explosive gas atmospheres - Part 18: Encapsulation 'm'

	EN60079-26:2007	Explosive atmospheres. Equipment
		with equipment protection level
		(EPL) Ga
IECEx	IEC 60079-0:2004	Electrical apparatus for explosive
	Ed: 4	gas atmospheres - Part 0: General
		requirements
	IEC 60079-11:2006	Electrical apparatus for explosive
	Ed: 5.0	gas atmospheres - Part 11: Intrinsic
		safety 'i'
	IEC 60079-18: 2004	Electrical apparatus for explosive
	Ed: 2.0	gas atmospheres - Part 18:
		Encapsulation 'm'
	IEC60079-26:2006	Explosive atmospheres. Equipment
	Ed: 2	with equipment protection level
		(EPL) Ga
Notified Body		Baseefa Ltd. Ref No: - 1180
FM	FM3600: 11/98	Approval Standard for Electric
		Equipment for use in Hazardous
		(Classified) Locations -General
		Requirements
	FM3610: 10/99	Approval Standard for Intrinsically
		Safe Apparatus and Associated
		Apparatus for Use in Class I, II, & III,
		Division 1, and Class I, Zone 0 & 1
		Hazardous (Classified) Locations
	ANSI/ISA-60079-18	Electrical Apparatus for Use in Class
	(12.23.01)-2005	I, Zone 1 Hazardous (Classified)
		Locations Type of Protection -
		Encapsulation
Notified Body		FM Approvals Ltd.
Special Condition	ons	Ambient Temperature 0°C to +40°C

The Serial port available to the user in the hazardous area has the following			
parameters			
Output Parameters U _o = 11.7V			
$I_{o} = 0.092A$			
$P_{o} = 0.266W$			



0				()
	ADT645 Display	Seria	INO. DIS YY	/ZZZ	
<	FM>CLI, DI	V 1,GP C,E) T5 (0°C <= ⁻	Га <= 40°С)	
	APPROVED Control Dra	wing 213-703			
	Manufacturad bur		DOVALTON CK12.1		
2	Manufactured by	INTECPC LTD,	POYNTON, SK12 1	FQ, UK	21
	KEYBOARD	MOUSE	SCALE POWER	SCALE	
0				C	\sum

Declaration of Conformity – INTERFACE

The Interface is Associated Intrinsically Safe Apparatus, Category 1, suitable for				
supplying Zone 0 equipment.				
The manufacturer hereby declares with sole responsibility that the ADT645 Interface				
complies with th	complies with the following International and EU directives and standards:			
89/336EEC EMC	Emissions EN 61000-6-4 Industrial Environment			
	2007			
	Immunity EN 61000-6-1 Residential, commercial and light			
	2007 industrial			
	Immunity EN 61000-6-2 Industrial Environment			
	2005			
FCC/CFR 47:15	FCC/CFR 47:Part 15:2009 Unintentional Radiators			
94/9/EEC	EN 60079-0:2006	Electrical apparatus for explosive		
ATEX		gas atmospheres - Part 0: General		
requirements				

	EN 60079-11:2007 EN60079-26:2007	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i' Explosive atmospheres. Equipment
		with equipment protection level (EPL) Ga
IECEx	IEC 60079-0:2004 Ed: 4	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
	IEC 60079-11:2006 Ed: 5.0	Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic safety 'i'
	IEC60079-26:2006 Ed: 2	Explosive atmospheres. Equipment with equipment protection level (EPL) Ga
Notified Body		Baseefa Ltd. Ref No: - 1180
FM	FM3600: 11/98	Approval Standard for Electric Equipment for use in Hazardous (Classified) Locations -General Requirements
	FM3610: 10/99	Approval Standard for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, & III, Division 1, and Class I, Zone 0 & 1 Hazardous (Classified) Locations
Notified Body		FM Approvals Ltd.
Special Condition	ons	None

ADT645 Interface	Serial No. INT YY/2	ZZZ
(Ga) [Ex ia] IIB IECEx BAS 08.0052		
H (1) G (Ga) [Ex ia Baseefa08ATEX0	ı] IIB 168	
Manufactured by:- INTECPC LTE), POYNTON, SK12 1PQ, UK	C € 1180

	Associated a	apparatus for	CL I, DIV 1,GPS C,D
APPROVED	Um = 253Vac		

Manufactured by:- INTECPC LTD, POYNTON, SK12 1PQ, UK

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