

Ex e and Ex ia Terminal Boxes - Glass Reinforced Polyester

GL5 - 120mm x 122mm x 90mm

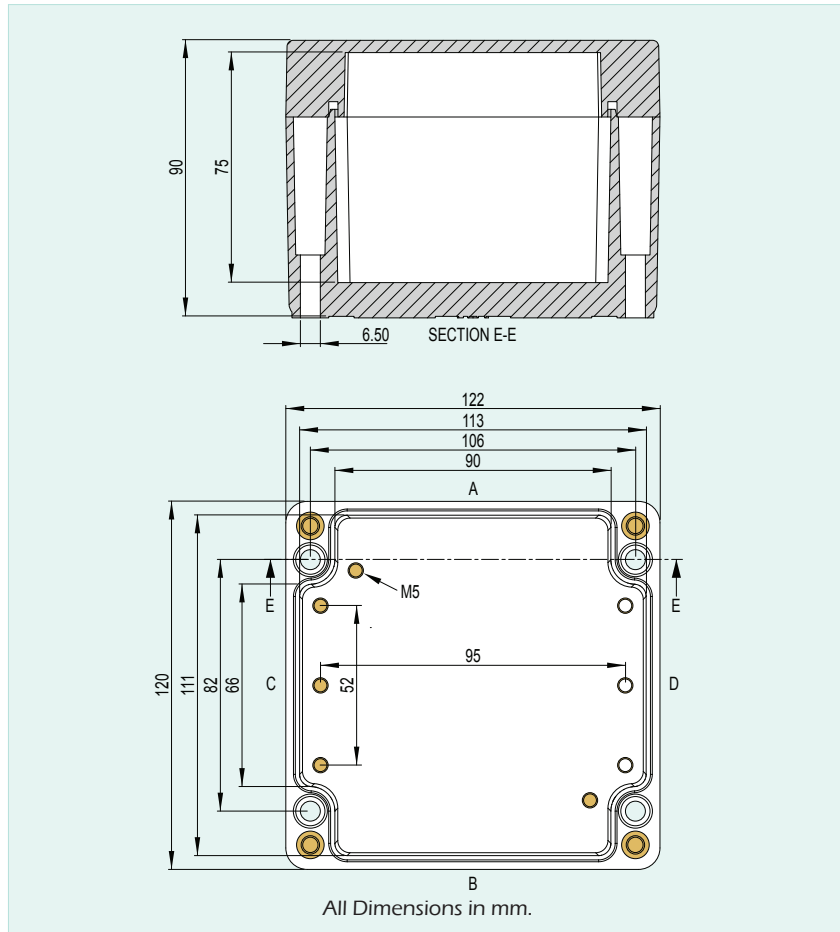
HAZARDOUS AREA SPECIFICATION						
Marking to 94/9/EC		Ⓔ II 2 GD		Ⓔ II 1 GD		
Type of Protection		Ex e IIC T* Gb Ex tb IIIC T**C Db		Ex ia IIC T* Ga Ex tb IIIC T**C Da		
Ambient Temp. °C			Gas Temperature Class (T°C)	Dust Temperature Class (T**)(°C)	Max Dissipation (W)	
Min	Max				II 1 G II 2 G II 2 GD	II 1 D II 1 GD
Engraved Label	Printed Label				9.4	4.7
-50	-40	+40	T6	80		
-50	-40	+55	T5	95		
-50	-40	+60	T4	130		
-50	N/A	+50	T6	80	3.5	1.75
Ingress Protection		IP66 to EN60529:1992				
Area Classification		Zones 0,1,2,20,21,22				
Certification No.		SIRA99ATEX3200X, SIRA00ATEX3028U IECEX SIR06.0106X, IECEX SIR06.0105U GOST-R POCC GB.Mn14.B00224				

ENCLOSURE SPECIFICATION	
Material	Carbon loaded, anti-static glass reinforced polyester UL 94/V0
Finish	Moulded self colour black. Other colours available on request
Weight Empty	0.85Kg
Cover Fixing	M6 Stainless Steel allen head screws
Gasket	Silicone cord
Earthing	Optional 6mm brass internal/external earth stud Optional internal earth continuity plate in galvanised Steel, brass or Stainless Steel
Entries	Through threaded hole in body
Mounting	Integral 4.5mm clearance holes moulded into the body

A GUIDE TO PHYSICAL TERMINAL CAPACITY

	WDU 2.5	WDU 4	WDU 6	WDU 10
Horizontal Rail	1x13	1x11	1x8	1x5

Note: This is a guide to Physical Terminal Capacity only. Installers must ensure that the maximum power dissipation given above is not exceeded



A GUIDE TO ENTRY CAPACITY

Gland Size mm	20	25	32
Side A + B	3	2	1
Side C + D	2	1	1

ORDERING INFORMATION

Description	Ex e Terminal Box	Ex e U Component Approved	Ex ia Terminal Box
Enclosure Only	GL501	GL502	GL503
Enclosure with Steel earth plate	GL511	GL512	GL513
Enclosure with brass earth plate	GL521	GL522	GL523
Enclosure with Stainless Steel earth plate	GL531	GL532	GL533

Optional Extras	
Internal/ External 6mm brass earth stud	GL/ES
Equipment mounting plate, coated mild Steel	GL5/MP