

JUNCTION BOX

ATEX CERTIFIED ZONE 1



DS-067 Issue 03

Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

The PL series of certified explosion proof junction boxes are designed to comply with international standards.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

ATEX CERTIFIED ZONE 1 JUNCTION BOX

PL Series corrosion proof GRP enclosures

Zone 1 and 2 explosion proof increased safety

Ex e dual certified ATEX/IECEX

Technical Data:

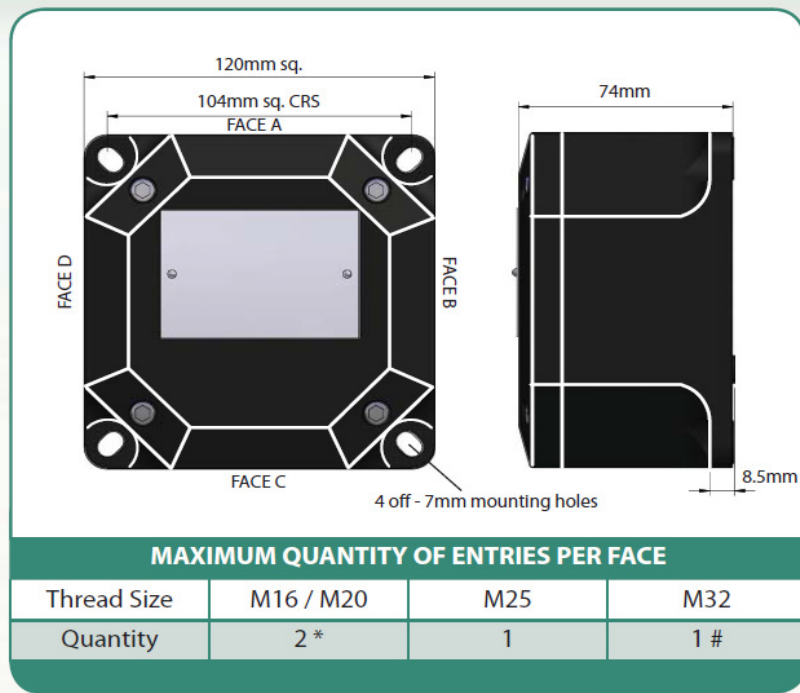
- Increased Safety Ex II 2 GD Exe II Ext D.
- PL612 Certificate No's: Baseefa06ATEX0117X and IECEX BAS 06.0028X.
- ZPL612 Certificate No's: Baseefa06ATEX0116U and IECEX BAS 06.0027U.
- Suitable for use in Zone 1, Zone 2, Zone 21 and Zone 22.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1.
- Ingress Protection: IP66 and IP67 to IEC/EN 60529.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +75°C.
- Temperature Class and Ambient: T6 40°C, optional T5 with ambient up to 65°C.
- Alternative certification options available:
 - Canadian Standard: Exe II.
 - American Standard: AExe II/Exe II.
 - Kazakhstan Standard: GOST K.



ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.



* Shroud not possible with Earth Continuity Plate option.
 # Not possible with an Earth Continuity Plate.
 Optional: Earth Continuity Plate

TERMINAL CAPACITY

Terminal Type	Conductor Size (mm ²)		Max. Volts	Max. Physical Terminal Content		Reduced Terminal Content at Max. Terminal Amps		
	Min.	Max.		Terminal Qty.	Amps	Terminal Qty.	Amps	
WDU 2.5N	0.5	2.5	420	12	16	10	17	
WDU 2.5	0.5	2.5	550	10	17	10	17	
WDU 4	0.5	4	690	10	21	10	22	
WDU 6	0.5	6	550	7	29	7	29	
WDU 10	1.5	10	550	6	39	5	40	
BK 6	1	4	275	1	20	N/A	N/A	
MK 6/6	1	6	420	1	26	N/A	N/A	
HTB 6	0.5	Max. per Pillar	550	1	Conductor Size mm ²	Max. Amps per Pillar	N/A	N/A
		2 x 10mm ²			0.5	1		
		3 x 6mm ²			0.75	1		
		4 x 4mm ²			1	8		
		4 x 0.5mm ² Min.			1.5	10		
		See certificate for more options			2.5	15		
					4	21		
	6	26						
	10	37						

ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
 mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.