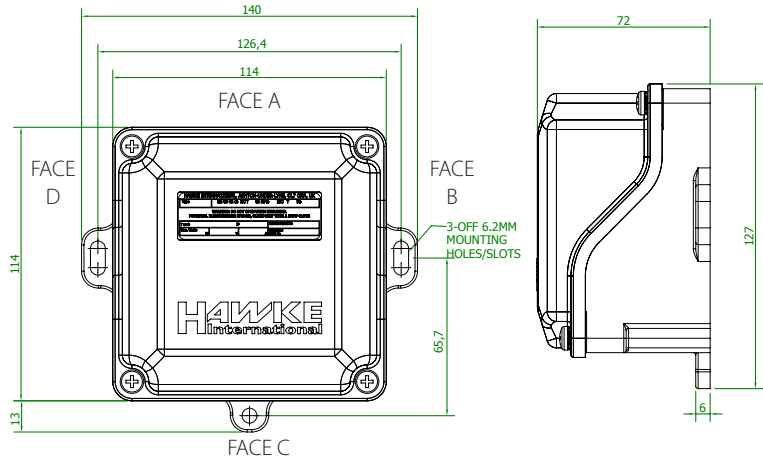




PL511

Increased Safety Exe Dual Certified ATEX / IECEx



Reduce costs and installation time with our most economical Enclosure range. Moulded with Glass Reinforced Plastic, the ATEX & IECEx certified, PL511 offers ultimate strength in the world's most demanding environments.

Terminal Capacity

Terminal Type	Conductor Size (mm ²)		Max Volts	Rail Orientation	Max. Physical Terminal Content			Reduced Terminal Content at Max Amps		
	Min.	Max.			Terminal Qty	Rail Qty	Amps	Terminal Qty	Amps	
										Conductor Size mm ²
WDU 2.5N	0.5	2.5	440	V	9		11	3	17	
WDU 2.5	0.5	2.5	690	V	9		11	3	17	
UT 2.5	0.14	3	690	V	9		11	6	15	
WDU 4	0.5	4	690	V	8	1	15	3	22	
UT 4	0.14	4	690	V	8		15	5	20	
WDU 6	0.5	6	690	V	5		23	3	29	
UT6	0.2	6	690	V	6		21	4	28	
HPB4	0.5	Max. per Pillar	550	N/A	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					1.5	10		
		2 x 2.5mm ²					2.5	15		
		Solid					4	21		
1 x 6.0mm ²	6	26								
Stranded	10	37								

* Max terminals are split across the quantity of terminal rails

FEATURES

- Enables finger access for easy wiring and inspection of terminations
- Eliminates the need to remove the lid when mounting the enclosure on the wall.
- Provides Ingress Protection to IP66/67. Optimum performance at low and high temperature extremes.
- Prevents loss of screws during assembly and maintenance.
- Designed to withstand impact resistance up to 7Nm. Glass Reinforced Plastic construction provides a high degree of resistance to corrosive atmospheres.

Technical Data	
Ingress Protection	IP66 IP67 to IEC/EC 60529
Material	Glass Reinforced Plastic (GRP) Natural Black Finish
Service Temperature	-60°C to +75°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
ATEX/IECEX	
ATEX/IECEX Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa14ATEX0268X (PL511) Baseefa14ATEX0248U (ZPL511)
IECEX Certificate Number	IECEX BAS 14.0123X (PL511) IECEX BAS 14.0120U (ZPL511)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.AA87.B.00430 Inmetro: IEx 16.0143X PESO: P457331
NEC/CEC	
NEC Protection Class	Class I, Zone 1, AEx e IIC Gb Zone 21, AEx tb IIIC T80°C Db
CEC Protection Class	Ex e IIC Gb Ex tb IIIC T80°C Db
c CSA us Certificate	70039997
Construction & Test Standards	UL 50E, UL508, UL12.12.01, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, UL/CSA-C22.2 60079-31, CSA-C22.2 No. 94-M91, CSA-C22.2 No. 14-M91

Maximum Quantity of Entries Per Face								
Thread Size	M16	M20	M25	M32	M40	M50	M63	M75
Face B	1	1	-	-	-	-	-	-
Face C	2	2	-	-	-	-	-	-
Face D	1	1	-	-	-	-	-	-

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.

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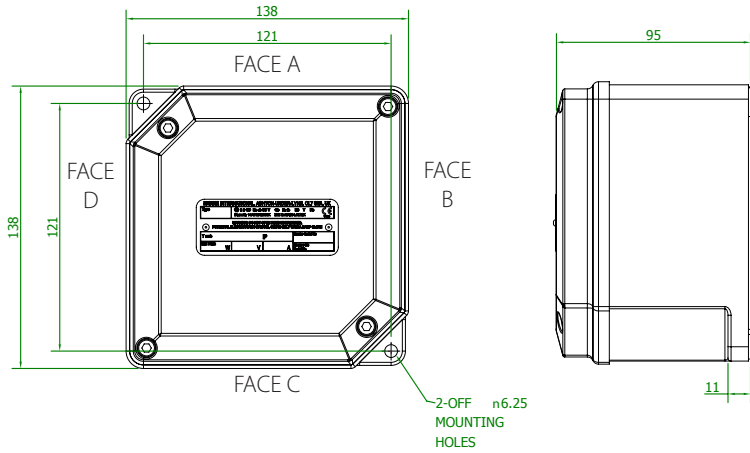
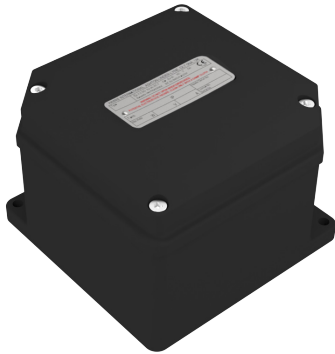
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PL513

Increased Safety Exe Dual Certified ATEX/ IECEx



Moulded from robust Glass Reinforced Plastic with a natural Black Finish. The versatile PL513 has a wide operating temperature range in both in normal impact and in low risk Impact applications.

Terminal Capacity

Terminal Type	Conductor Size (mm ²)		Max Volts	Rail Orientation	Max. Physical Terminal Content			Reduced Terminal Content at Max Amps	
	Min.	Max.			Terminal Qty	Rail Qty	Amps	Terminal Qty	Amps
WDU 2.5N	0.5	2.5	440.0	V/H D	16 18	1	12 11	7	17
WDU 2.5	0.5	3	690	V/H D	16 18		12 11	7	17
UT 2.5	0.14	3	690	V/H D	16 17		12 11	10	15
WDU 4	0.5	4	690	V/H D	13 15		16 15	7	22
UT 4	0.14	4	690	V/H D	13 14		17 16	9	20
WDU 6	0.5	6	690	V/H D	10 11		23 22	6	29
UT6	0.2	6	690	V/H D	9 11		24 22	6	28
WDU 10	1.5	10	690	V/H D	8 9		32 30	5	40
UT 10	0.5	10	690	V/H D	7 8		35 33	5	39
HTB 6	0.5	Max. per Pillar 2 x 10mm ² 3 x 6mm ² 4 x 4mm ² 4 x 0.5mm ² 2 x 2.5mm ² Solid 1 x 6.0mm ² Stranded	550	N/A	1		Conductor Size mm ² 0.5 0.75 1 1.5 2.5 4 6 10	Max. Amps per Pillar 1 1 8 10 15 21 26 37	N/A

* Max terminals are split across the quantity of terminal rails

FEATURES

- Excellent operating temperature range for normal impact and low impact risk applications
- ATEX, IECEx and CSA certified
- Robust Glass Reinforced Plastic Construction
- External Mounting Feet - eliminates the need to remove the lid when mounting the enclosure on the wall.
- Corrosion Resistant Lid Fixing Screws with Retaining Feature - prevents the loss of screws during assembly and maintenance.

Technical Data

Ingress Protection	IP66 IP67 to IEC/EC 60529
Material	Glass Reinforced Plastic (GRP) Natural Black Finish
Service Temperature	-60°C to +75°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
ATEX/IECEX	
ATEX/IECEX Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa14ATEX0268X (PL513) Baseefa14ATEX0248U (ZPL513)
IECEX Certificate Number	IECEX BAS 14.0123X (PL513) IECEX BAS 14.0120U (ZPL513)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.AA87.B.00430 Inmetro: IEx 16.0143X PESO: P457331
NEC/CEC	
NEC Protection Class	Class I, Zone 1, AEx e IIC Gb Zone 21, AEx tb IIIC T80°C Db
CEC Protection Class	Ex e IIC Gb Ex tb IIIC T80°C Db
c CSA us Certificate	70039997
Construction & Test Standards	UL 50E, UL508, UL12.12.01, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, UL/CSA-C22.2 60079-31, CSA-C22.2 No. 94-M91, CSA-C22.2 No. 14-M91

Maximum Quantity of Entries Per Face

Thread Size	M16 / M20/O	M20/A	M25	M32	M40	M50	M63	M75
Face A/B/C/D	5	3	2	-	-	-	-	-

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.

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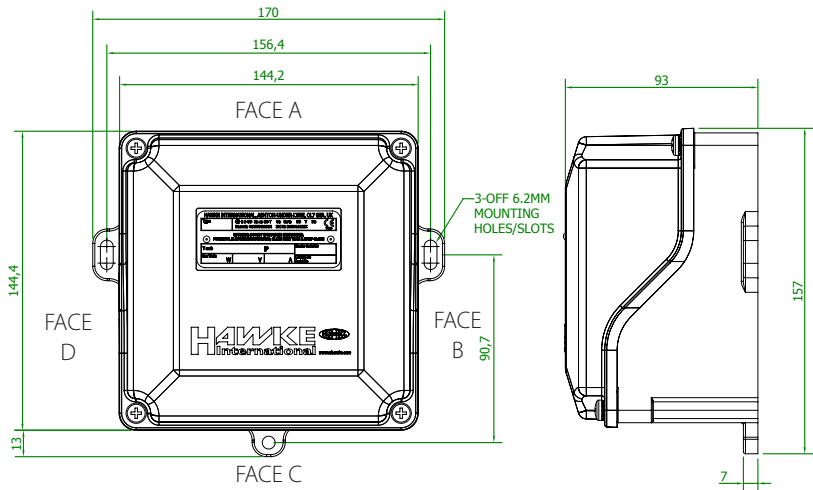
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PL514

Increased safety & dust protection



Offering exceptional strength, easy installation and global certification, the PL514 is the ideal alternative to traditional Glass Reinforced Polyester Enclosures.

Terminal Capacity

Terminal Type	Conductor Size (mm ²)		Max Volts	Rail Orientation	Max. Physical Terminal Content			Reduced Terminal Content at Max Amps	
	Min.	Max.			Terminal Qty	Rail Qty	Amps	Terminal Qty	Amps
WDU 2.5N	0.5	2.5	440	V	18		11	7	17
WDU 2.5	0.5	2.5	690	V	18		11	7	17
UT 2.5	0.1	2.5	690	V	17		11	10	15
WDU 4	0.5	4.0	690	V	14		15	7	22
UT 4	0.1	4.0	690	V	14	1	16	9	20
WDU 6	0.5	6.0	690	V	11		22	6	29
UT 6	0.2	6.0	690	V	10		23	6	28
WDU 10	1.5	10.0	690	V	8		32	5	40
UT 10	0.5	10.0	690	V	8		33	5	39
HPB4	0.5	Max. per Pillar 2 x 10mm ² 3 x 6mm ² 4 x 4mm ² 4 x 0.5mm ² 2 x 2.5mm ² Solid 1 x 6.0mm ² Stranded	550	N/A	1	Conductor Size mm ² 0.5 0.75 1 1.5 2.5 4 6 10	Max. Amps per Pillar 1 1 8 10 15 21 26 37	N/A	N/A

*Max terminals are split across the quantity of terminal rails

FEATURES

- Unparalleled strength at 50% less weight than traditional Glass Reinforced Polyester enclosures
- Complete IP66/67 and 4X protection
- External mounting feet eliminate the need to remove the lid when mounting or removing the enclosure from a wall or other surface.
- Dropped lid design makes installation and inspection easier than ever before
- Earth Continuity Plate is available in Zintec or Brass
- Wide operating temperature

Technical Data	
Ingress Protection	IP66 IP67 to IEC/EC 60529
Material	Glass Reinforced Plastic (GRP) Natural Black Finish
Service Temperature	-60°C to +75°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
ATEX/IECEX	
ATEX/IECEX Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa14ATEX0268X (PL514) Baseefa14ATEX0248U (ZPL514)
IECEX Certificate Number	IECEX BAS 14.0123X (PL514) IECEX BAS 14.0120U (ZPL514)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.AA87.B.00430 Inmetro: IEx 16.0143X PESO: P457331
NEC/CEC	
NEC Protection Class	Class I, Zone 1, AEx e IIC Gb Zone 21, AEx tb IIIC T80°C Db
CEC Protection Class	Ex e IIC Gb Ex tb IIIC T80°C Db
c CSA us Certificate	70039997
Construction & Test Standards	UL 50E, UL508, UL12.12.01, UL/CSA-C22.2 60079-0, UL/CSA-C22.2 60079-7, UL/CSA-C22.2 60079-31, CSA-C22.2 No. 94-M91, CSA-C22.2 No. 14-M91

Maximum Quantity of Entries Per Face								
Thread Size	M16	M20	M25	M32	M40	M50	M63	M75
Face B	2	2	1	-	-	-	-	-
Face C	6	6	2	2	-	-	-	-
Face D	2	2	1	-	-	-	-	-

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.

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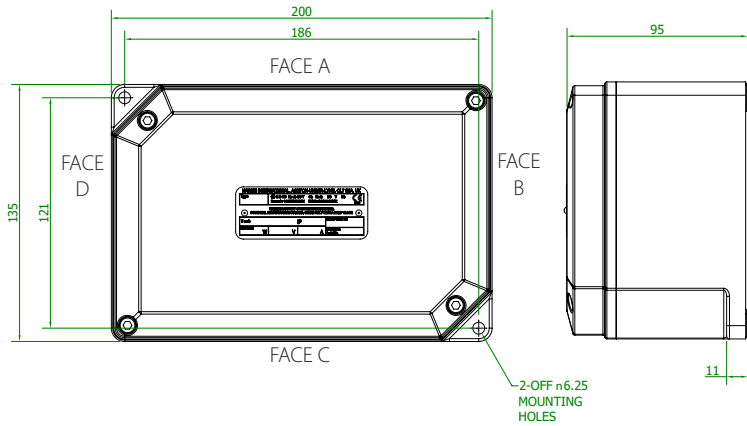
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PL520

Increased Safety Exe Dual Certified ATEX/ IECEx



Moulded from tough Glass Reinforced Plastic, the globally certified PL520 is built to withstand some of the world's most arduous environments. With a wide operating temperature, superior corrosion resistance and more, the PL520 is the ultimate in tough construction.

Terminal Capacity

Terminal Type	Conductor Size (mm ²)		Max Volts	Rail Orientation	Max. Physical Terminal Content			Reduced Terminal Content at Max Amps		
	Min.	Max.			Terminal Qty	Rail Qty	Amps	Terminal Qty	Amps	
WDU 2.5	0.5	2.5	690	V H	16 30	1	12 8	7	17	
UT 2.5	0.14	3	690	V H	16 29		11 8	9	15	
WDU 4	0.5	4	690	V H	13 25		16 11	7	22	
UT 4	0.14	4	690	V H	13 24		16 12	8	20	
WDU 6	0.5	6	690	V H	10 19		23 16	6	29	
UT6	0.2	6	690	V H	9 18		24 17	6	28	
WDU 10	1.5	10	690	V H	8 15		32 23	5	40	
UT 10	0.5	10	690	V H	7 14		35 24	5	39	
HTB 6	0.5	Max. per Pillar 2 x 10mm ² 3 x 6mm ² 4 x 4mm ² 4 x 0.5mm ² 2 x 2.5mm ² Solid 1 x 6.0mm ² Stranded	550	N/A	1		Conductor Size mm ² 0.5 0.75 1 1.5 2.5 4 6 10	Max. Amps per Pillar 1 1 8 10 15 21 26 37	N/A	N/A

*Max terminals are split across the quantity of terminal rails

FEATURES

- ATEX/IECEx Internationally Approved certification
- Fast Installation and Easy Inspection
- Corrosion Resistant by Design
- Multiple Lid Fixing Points
- Better Tool Access and Concealed Silicone Gasket

Technical Data	
Ingress Protection	IP66 IP67 to IEC/EC 60529
Material	Glass Reinforced Plastic (GRP) Natural Black Finish
Service Temperature	-60°C to +75°C
Temperature Class and Ambient	T6 40°C as standard Optional T5 with ambients up to 65°C For additional options see technical data
ATEX/IECEX	
ATEX/IECEX Protection Class	Ex II 2 GD Ex eb IIC Gb; Ex tb IIIC Db
ATEX Certificate No	Baseefa14ATEX0268X (PL520) Baseefa14ATEX0248U (ZPL520)
IECEX Certificate Number	IECEX BAS 14.0123X (PL520) IECEX BAS 14.0120U (ZPL520)
Construction & Test Standards	IEC/EN 60079-0, IEC/EN 60079-7 and IEC/EN 60079-31
Marine Approvals	ABS: 17-LD1653735-PDA Bureau Veritas: 43523/A1
Additional Certifications	EAC: RU C-GB.AA87.B.00430 Inmetro: IEx 16.0143X PESO: P457331
NEC/CEC	
NEC Protection Class	Class I, Zone 1, AEx e IIC Gb Zone 21, AEx tb IIIC T80°C Db
CEC Protection Class	Ex e IIC Gb Ex tb IIIC T80°C Db
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Maximum Quantity of Entries Per Face								
Thread Size	M16 / M20/O	M20/A	M25	M32	M40	M50	M63	M75
Face A/C	9	5	3	-	-	-	-	-
Face B/D	5	3	2	-	-	-	-	-

CAUTION: Entry quantities are calculated based on standard gland diameters. Entry quantity may be affected if using accessories (locknuts, washers etc) with large diameters.

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