

IP68 Housings

For harsh environmental applications



Advantages

- ➔ Protection for your connections in extremely rough environments
- ➔ Degree of Protection IP68 – dust- and waterproof
- ➔ EMC – high coverage against electromagnetic interference
- ➔ Resistant against corrosion
- ➔ High reliability
- ➔ Wide range of application – railway, off-shore, industry, ...
- ➔ Compact construction style
- ➔ Compatible with all conventional C146 contact inserts
- ➔ Proven Amphenol-Quality

IP68 Housings

General Characteristics	Standard	Value
Degree of protection housing	IEC 60529 bzw. DIN EN 60529	IP68
Degree of protection cover	IEC 60529 bzw. DIN EN 60529	IP68
Locking system		2 screws

Climatical Characteristics

Climatic category	IEC 60068-1	40/100/21
Temperature range	IEC 60068-1	-40°C/ +100°C

Materials

Housing		Aluminium die cast alloy
Protective Cover		Aluminium die cast alloy
Rubber gasket		Conductive neoprene
Locking screws		Stainless steel
Surface		Special surface

Suitable for the following inserts:	Part number	Hood	Panel housing	Panel housing with side entry	Cover	Thread size	Top entry	Side entry
C146 E 6 pol C146 M 2 Module C146 DD 24 pol C146 EE 10 pol	C146 68R006 556 8	•				M25		•
	C146 68R006 656 8	•				M25	•	
	C146 68F006 001 1		•			n.a.		
	C146 68F006 004 1		•			n.a.		
	C146 68N006 607 2				•	2x M25		•
	C146 68Z006 200 1					•	n.a.	

C146 E 10 pol C146 M 3 Module C146 DD 42 pol C146 EE 18 pol	C146 68R010 506 8	•				M32		•
	C146 68R010 606 8	•				M32	•	
	C146 68F010 001 1		•			n.a.		
	C146 68F010 004 1		•			n.a.		
	C146 68N010 602 2				•	2xM32		•
	C146 68Z010 200 1					•	n.a.	

C146 E 16 pol C146 M 5 Module C146 D 40 pol C146 DD 72 pol C146 EE 32 pol	C146 68R016 506 8	•				M32		•
	C146 68R016 606 8	•				M32	•	
	C146 68F016 001 1		•			n.a.		
	C146 68F016 004 1		•			n.a.		
	C146 68N016 602 2				•	2xM32		•
	C146 68Z016 200 1					•	n.a.	

C146 E 24 pol C146 M 7 Module C146 D 64pol C146 DD 108 pol C146 EE 46 pol	C146 68R024 507 8	•				M40		•
	C146 68R024 607 8	•				M40	•	
	C146 68F024 001 1		•			n.a.		
	C146 68F024 004 1		•			n.a.		
	C146 68N024 602 2				•	2xM40		•
	C146 68Z024 200 1					•	n.a.	

Dimensions and further details upon request: c146@amphenol.de

General Information

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