

Housings with IP67 protection class



Housings of C146E and M series can now be offered with IP67 protection class. This new feature opens up new areas of applications, especially in outdoor environments, where the standard IP65 protection class is insufficient and currently IP68 housings have to be used due to a lack of alternatives.

Advantages at a glance:

- ➔ IP 67 protection according to IEC 60529
- ➔ Very competitive price compared to IP68 versions
- ➔ Also EMI protected versions possible
- ➔ Panel cut of standard housings can be used
- ➔ Less space required compared to IP68 version

Characteristics

General Characteristics	Standard	Value
Protection class housing		IP 67
Locking system	DIN EN 175 301-801 (DIN 43 652)	1 locking lever 2 locking levers

Climatical Characteristics

Climatic category	IEC 60068-1	40/100/21
Temperature range	IEC 60068-1	- 40 °C / + 100 °C
Upper temperature	IEC 60512-6; Test 11 i	+ 100 °C / 1000 h
Lower temperature	IEC 60512-6; Test 11 i	- 40 °C / 16 h

Mechanical Characteristics

Mechanical operation	IEC 60512-5; Test 9 a	500 cycles
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Materials

Housings	DIN EN 175 301-801 (DIN 43 652)	Aluminium die cast alloy
Rubber gasket		CR
Locking lever		Steel / Zinc coated

Order codes

C146 67R006 507 1	hood size 6, low profile with side entry M25 without stud
C146 67R006 607 1	hood size 6, low profile with top entry M25 without stud
C146 67F006 000 8	housing size 6, bulkhead mounting with 1 locking lever
C146 67R010 500 1	hood size 10, low profile with side entry M25 without stud
C146 67R010 600 1	hood size 10, low profile with top entry M25 without stud
C146 67F010 000 8	housing size 10, bulkhead mounting with 2 locking levers
C146 67R016 500 8	hood size 16, high profile with side entry M32 without stud
C146 67R016 600 8	hood size 16, high profile with top entry M32 without stud
C146 67F016 000 8	housing size 16, bulkhead mounting with 2 locking levers
C146 67R024 501 8	hood size 24, high profile with side entry M40 without stud
C146 67R024 601 8	hood size 24, high profile with top entry M40 without stud
C146 67F024 000 8	housing size 24, bulkhead mounting with 2 locking levers

Prices, drawings and part numbers for further versions upon request.