

heavy|mate® Housings standard Characteristics

General Characteristics	Standard	Value
Protection class housing		IP 65
Protection class spring cover locked spring loaded		IP 65 IP 54
Locking system	DIN EN 175 301-801 (DIN 43 652)	1 locking lever 2 locking levers
Climatical Characteristics		
Climatic category	IEC 60068-1	40 / 125 / 21
Temperature range	IEC 60068-1	- 40 °C / + 125 °C
Upper temperature	IEC 60512-11-9	+ 125 °C
Lower temperature	IEC 60512-11-10	- 40 °C
Mechanical Characteristics		
Mechanical operation	IEC 60512-9-1	≥ 500 mating cycles
Materials		
Housings	DIN EN 175 301-801 (DIN 43 652)	Aluminium die cast alloy
Thermoplastic housing		PA
Metal housing D 7		Zinc die cast alloy
Protective cover		PA
Rubber gasket		NBR
Locking lever		steel / zinc coated
Surface EMV housings		special surface

Description	M	Part Number	Drawing	Figure	
Hoods					
Hood top entry low profile	16	C146 21R006 656 1			
	20	C146 21R006 606 1			
Hood top entry high profile	25	C146 21R006 656 8			
	32	C146 21R006 606 8			
Hood side entry low profile	20	C146 21R006 506 1			
	25	C146 21R006 507 1			
Hood side entry high profile	25	C146 21R006 556 8			
	32	C146 21R006 506 8			
Housings			h		
Hood coupling application low profile	20	C146 21R006 804 1	52		
Hood coupling application high profile	25	C146 21R006 854 8	70		
Housing bulkhead mounting with gasket	-	C146 10F006 000 1			
Housing bulkhead mounting with thermoplastic spring cover with gasket	-	C146 10F006 003 1			
Housing bulkhead mounting with metal spring cover with gasket	-	C146 30F006 003 1			