



HEAVY | MATE HV ASRC

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TRUSTED GLOBALLY



Leakage proof,
EN 45545 certified,
High-resistance to vibrations & shocks

STANDARDS - LEAKAGE PROOF, SAFETY, ROBUSTNESS

IP68, IP69K
EN 45545, EN 61984
IEC 61373 - 2010 (GB/T 21563-2018)
IEC 60529 - 2001 (GB 4208-2008)

MECHANICAL

Durability	≥ 500 mating cycles
Vibration & shock	In accordance with IEC 61373-1999- (GB/T 21563-2008) Category 2
Contact retention force	14mm: 200N

ELECTRICAL

Rated current	400A Max.
Rated voltage	4,000V AC
Dielectric withstand voltage	10,000V (1min)
Contact resistance	Less than 0.15mΩ
Insulator resistance	5,000MΩ Min.
Temperature rise	≤ 60K

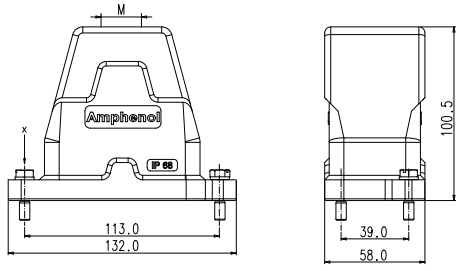
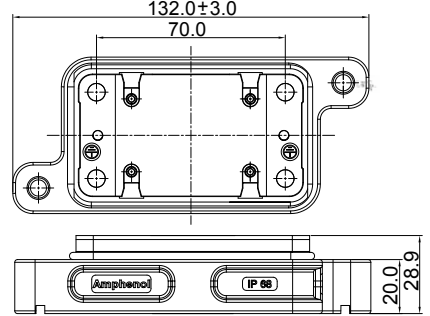
ENVIRONMENTAL

Operating temperature	-50°C to 125°C
Humidity	90% to 95% (40±2°C)
Protection degree	Leakage proof IP68, IP69K
Salt spray	500h

MATERIAL

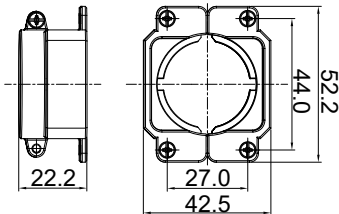
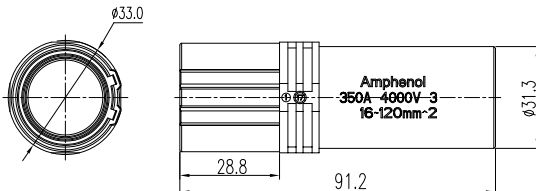
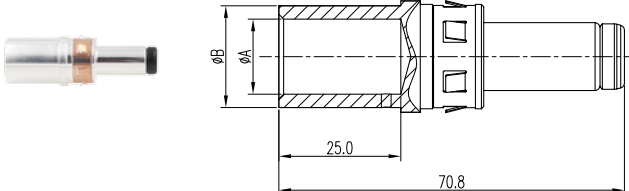
Shell	Aluminum alloy, Epoxy powder painting
Frame	Zinc alloy, nickel plating
Insert	Thermoplastic UL94-V0, EN45545
Contact	14mm Radsok contacts Copper alloy, silver plating, crimp type
Sealing ring	Rubber

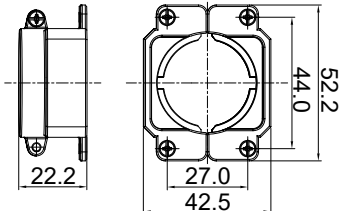
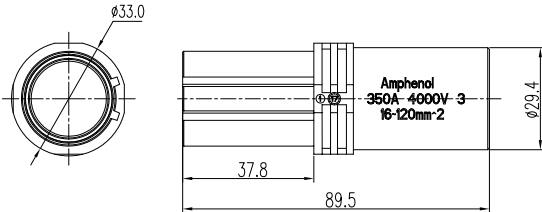
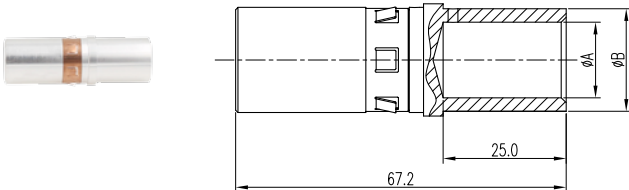
400A 1-PIN

Description	M	P/N	Dimensions
Housing 	1 x M20 1 x M25 1 x M32 1 x M40	C14668R0066518U C14668R0066508U C14668R0066008U C14668R0066018U	
Housing 		C14668F0060011U	

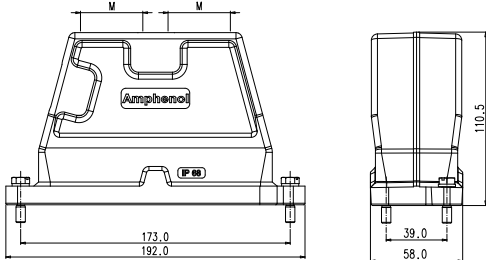
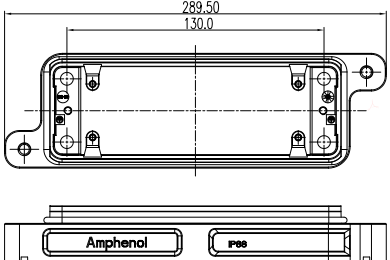
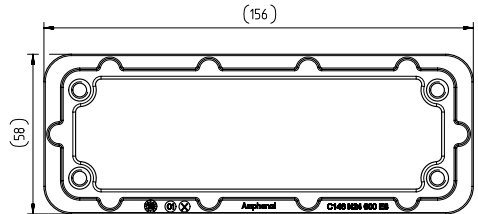
Combination 1	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Combination 2	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

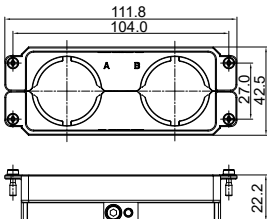
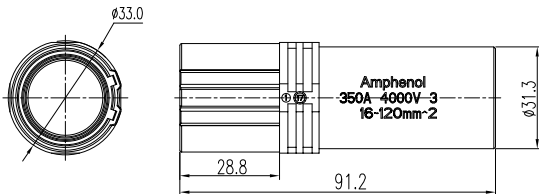
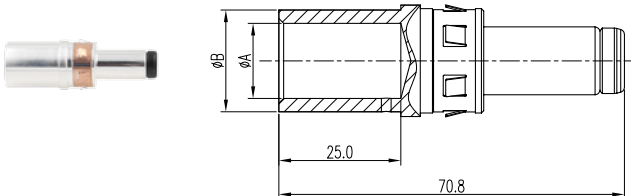
Description			P/N	Dimensions	
(Male) Frame 			C420002327P		
Male insert 			C422002141	M	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Male contacts	M	
16	Ø5.5	Ø8.5	C42000234706		
25	Ø7.0	Ø10.0	C42000234707		
35	Ø9.0	Ø12.5	C42000234701		
50	Ø10.0	Ø14.5	C42000234702		
70	Ø11.5	Ø16.5	C42000234703		
95	Ø13.5	Ø19.0	C42000234704		
120	Ø15.5	Ø21.0	C42000234705		
	Extraction tool				Crimping tool (electric)
#R14 Extraction tool ASRC-350-R14				APSM240-10 (Cable size: 10 to 240mm ²)	

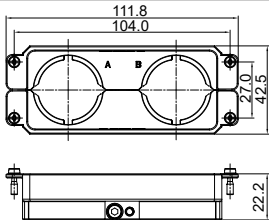
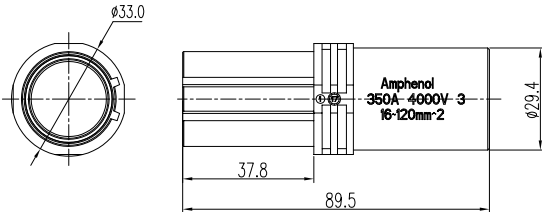
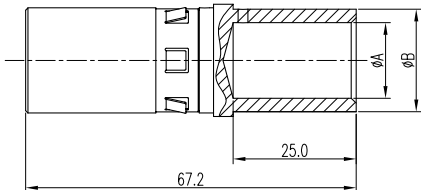
Description			P/N	Dimensions	
(Female) Frame 			C420002327S		
Female insert 			C422002142	F 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Female contacts	F 	
16	Ø5.5	Ø8.5	C42000234606		
25	Ø7.0	Ø10.0	C42000234607		
35	Ø9.0	Ø12.5	C42000234601		
50	Ø10.0	Ø14.5	C42000234602		
70	Ø11.5	Ø16.5	C42000234603		
95	Ø13.5	Ø19.0	C42000234604		
120	Ø15.5	Ø21.0	C42000234605		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14				APSM240-10 (Cable size: 10 to 240mm ²)	

400A 2-PIN

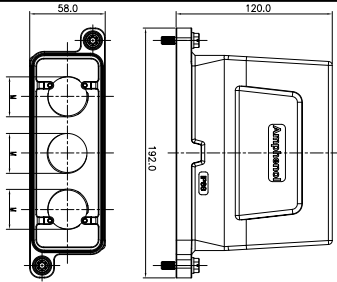
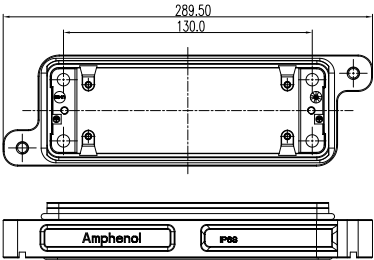
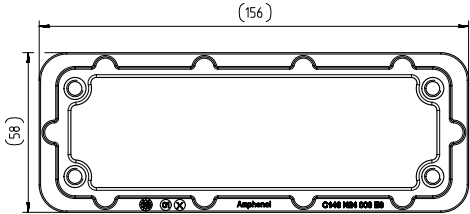
Description	M	P/N	Dimensions
Housing 	2 x M25 2 x M32	C14668R0249038U C14668R0249008U	
Housing 		C14668F0240011U	
Mounting frame 	E24	C146 N24 00078	

Combination 1		Combination 2	
			
N/A			N/A
(Male) Frame 	(Female) Frame 	(Male) Frame 	(Female) Frame 
Male insert 	Female insert 	Male insert 	Female insert 
Male contact 	Female contact 	Male contact 	Female contact 

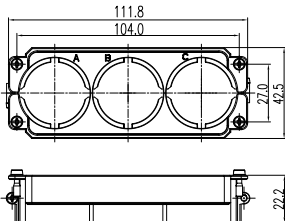
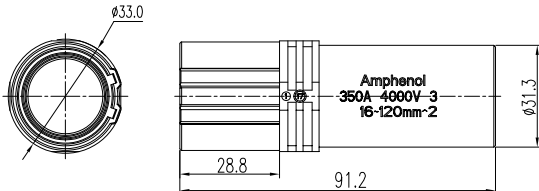
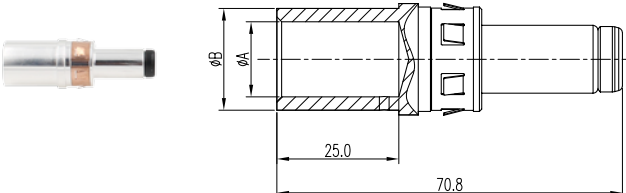
Description			P/N	Dimensions
(Male) Frame 			C420002322P	
Male insert 			C422002141	M 
Wire gauge			P/N	Dimensions
(mm ²)	ØA	ØB	Male contacts	M 
16	Ø5.5	Ø8.5	C42000234706	
25	Ø7.0	Ø10.0	C42000234707	
35	Ø9.0	Ø12.5	C42000234701	
50	Ø10.0	Ø14.5	C42000234702	
70	Ø11.5	Ø16.5	C42000234703	
95	Ø13.5	Ø19.0	C42000234704	
120	Ø15.5	Ø21.0	C42000234705	
	Extraction tool			Crimping tool (electric)
	#R14 Extraction tool ASRC-350-R14			APSM240-10 (Cable size: 10 to 240mm ²)

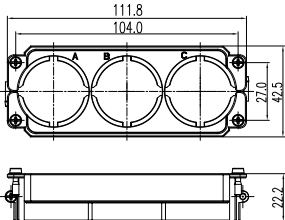
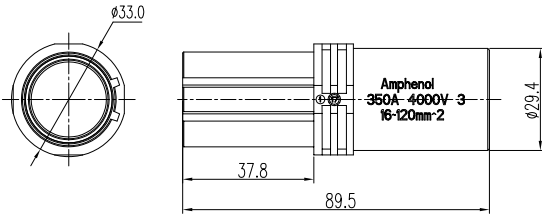
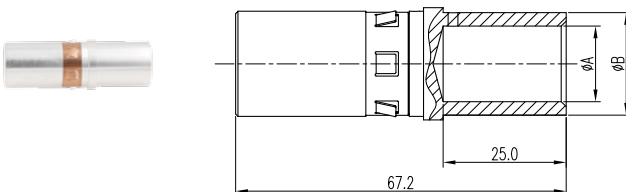
Description			P/N	Dimensions	
(Female) Frame 			C420002322S		
Female insert 			C422002142	F 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Female contacts	F 	
16	Ø5.5	Ø8.5	C42000234606		
25	Ø7.0	Ø10.0	C42000234607		
35	Ø9.0	Ø12.5	C42000234601		
50	Ø10.0	Ø14.5	C42000234602		
70	Ø11.5	Ø16.5	C42000234603		
95	Ø13.5	Ø19.0	C42000234604		
120	Ø15.5	Ø21.0	C42000234605		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14				APSM240-10 (Cable size: 10 to 240mm ²)	

400A 3-PIN

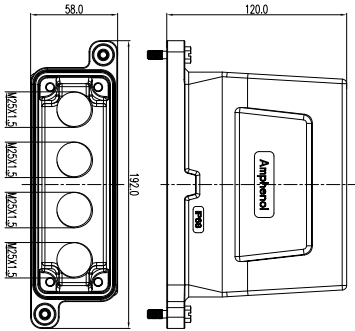
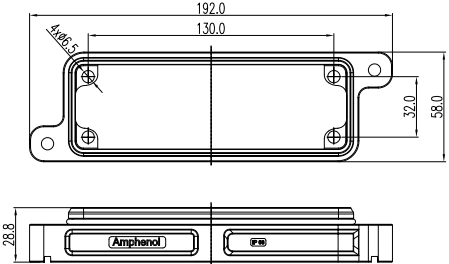
Description	M	P/N	Dimensions
	3 x M32	C14668R0249508	
		C14668F0240011U	
	E24	C146 N24 00078	

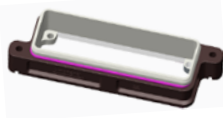
Combination 1		Combination 2	
			
N/A			N/A
(Male) Frame 	(Female) Frame 	(Male) Frame 	(Female) Frame 
Male insert 	Female insert 	Male insert 	Female insert 
Male contact 	Female contact 	Male contact 	Female contact 

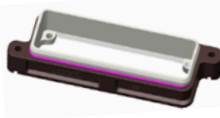
Description			P/N	Dimensions	
(Male) Frame 			C420002348P		
Male insert 			C422002141	M	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Male contacts	M 	
16	Ø5.5	Ø8.5	C42000234706		
25	Ø7.0	Ø10.0	C42000234707		
35	Ø9.0	Ø12.5	C42000234701		
50	Ø10.0	Ø14.5	C42000234702		
70	Ø11.5	Ø16.5	C42000234703		
95	Ø13.5	Ø19.0	C42000234704		
120	Ø15.5	Ø21.0	C42000234705		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14			APSM240-10 (Cable size: 10 to 240mm ²)		

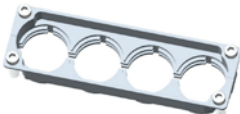
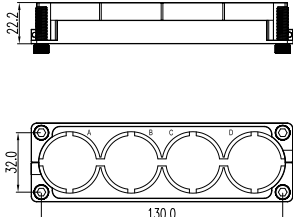
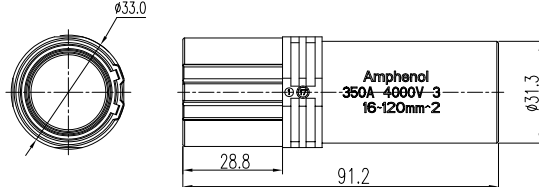
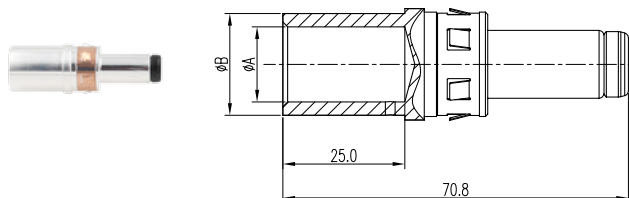
Description			P/N	Dimensions	
(Female) Frame 			C420002348S		
Female insert 			C422002142	F 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Female contacts	F 	
16	Ø5.5	Ø8.5	C42000234606		
25	Ø7.0	Ø10.0	C42000234607		
35	Ø9.0	Ø12.5	C42000234601		
50	Ø10.0	Ø14.5	C42000234602		
70	Ø11.5	Ø16.5	C42000234603		
95	Ø13.5	Ø19.0	C42000234604		
120	Ø15.5	Ø21.0	C42000234605		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14			APSM240-10 (Cable size: 10 to 240mm ²)		

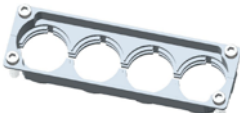
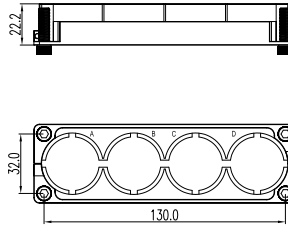
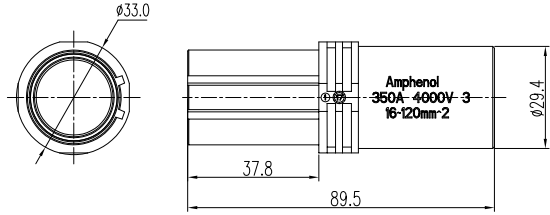
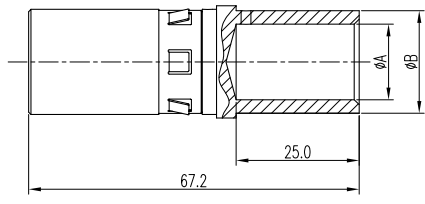
400A 4-PIN

Description	M	P/N	Dimensions
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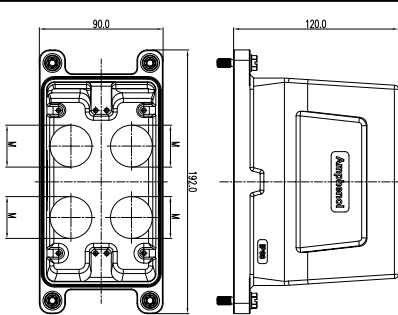
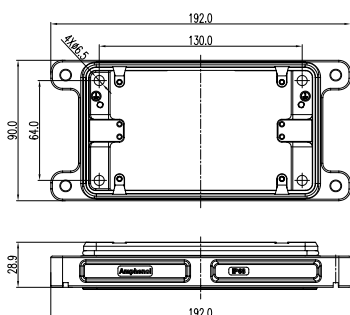
Combination 1	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Combination 2	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Description			P/N	Dimensions	
(Male) Frame 			P03CM00020P		
Male insert 			C422002141	M	
Wire gauge			P/N	Dimensions	
(mm²)	ØA	ØB	Male contacts	M 	
16	Ø5.5	Ø8.5	C42000234706		
25	Ø7.0	Ø10.0	C42000234707		
35	Ø9.0	Ø12.5	C42000234701		
50	Ø10.0	Ø14.5	C42000234702		
70	Ø11.5	Ø16.5	C42000234703		
95	Ø13.5	Ø19.0	C42000234704		
120	Ø15.5	Ø21.0	C42000234705		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14			APSM240-10 (Cable size: 10 to 240mm ²)		

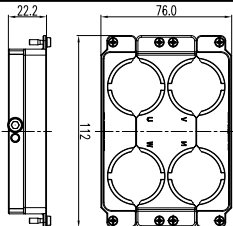
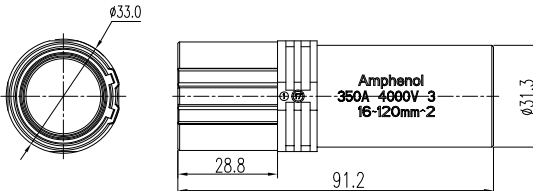
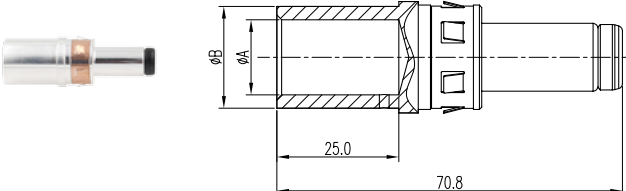
Description			P/N	Dimensions	
(Female) Frame 			P03CM00020S		
Female insert 			C422002142	F 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Female contacts	F  	
16	Ø5.5	Ø8.5	C42000234606		
25	Ø7.0	Ø10.0	C42000234607		
35	Ø9.0	Ø12.5	C42000234601		
50	Ø10.0	Ø14.5	C42000234602		
70	Ø11.5	Ø16.5	C42000234603		
95	Ø13.5	Ø19.0	C42000234604		
120	Ø15.5	Ø21.0	C42000234605		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14			APSM240-10 (Cable size: 10 to 240mm ²)		

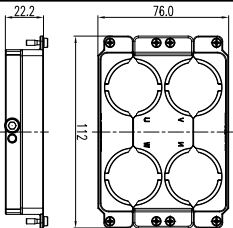
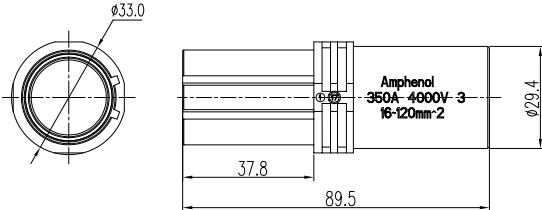
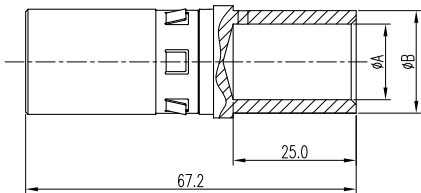
400A 4-PIN

Description	M	P/N	Dimensions
	4 x M25 4 x M32	ASRC68R0489099U ASRC68R0489098U	
		ASRC68F0480011U	

Combination 1	
	
(Male) Frame 	(Female) Frame 
Male insert 	Female insert 
Male contact 	Female contact 

Combination 2	
	
(Male) Frame 	(Female) Frame 
Male insert 	Female insert 
Male contact 	Female contact 

Description			P/N	Dimensions	
(Male) Frame 			P03CM000706P		
Male insert 			C422002141	M	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Male contacts	M 	
16	Ø5.5	Ø8.5	C42000234706		
25	Ø7.0	Ø10.0	C42000234707		
35	Ø9.0	Ø12.5	C42000234701		
50	Ø10.0	Ø14.5	C42000234702		
70	Ø11.5	Ø16.5	C42000234703		
95	Ø13.5	Ø19.0	C42000234704		
120	Ø15.5	Ø21.0	C42000234705		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14			APSM240-10 (Cable size: 10 to 240mm ²)		

Description			P/N	Dimensions	
(Female) Frame 			P03CM000706S		
Female insert 			C422002142	F 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Female contacts	F 	
16	Ø5.5	Ø8.5	C42000234606		
25	Ø7.0	Ø10.0	C42000234607		
35	Ø9.0	Ø12.5	C42000234601		
50	Ø10.0	Ø14.5	C42000234602		
70	Ø11.5	Ø16.5	C42000234603		
95	Ø13.5	Ø19.0	C42000234604		
120	Ø15.5	Ø21.0	C42000234605		
	Extraction tool			Crimping tool (electric)	
#R14 Extraction tool ASRC-350-R14				APSM240-10 (Cable size: 10 to 240mm ²)	



Leakage proof,
EN 45545 certified,
High-resistance to vibrations & shocks

STANDARDS - LEAKAGE PROOF, SAFETY, ROBUSTNESS

IP68, IP69K
 EN 45545, EN 61984
 IEC 61373 - 2010 (GB/T 21563-2018)
 IEC 60529 - 2001 (GB 4208-2008)

MECHANICAL

Durability	≥ 500 mating cycles
Vibration & shock	In accordance with IEC 61373-1999- (GB/T 21563-2008) Category 2
Contact retention force	18mm: 200N

ELECTRICAL

Rated current	700A Max.
Rated voltage	4,000V AC
Dielectric withstand voltage	10,000V (1min)
Contact resistance	Less than 0.15mΩ
Insulator resistance	5,000MΩ Min.
Temperature rise	≤ 60K

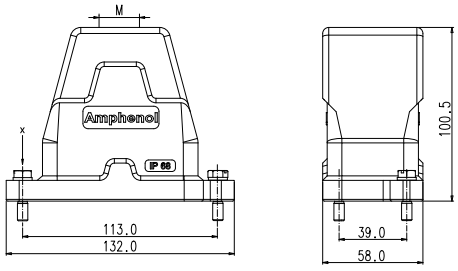
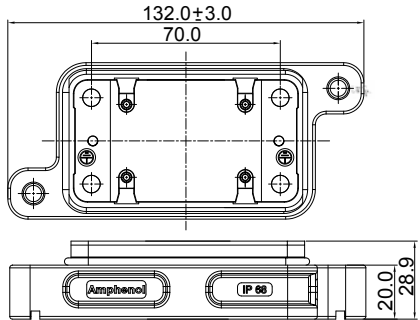
ENVIRONMENTAL

Operating temperature	-50°C to 125°C
Humidity	90% to 95% (40±2°C)
Protection degree	Leakage proof IP68, IP69K
Salt spray	500h

MATERIAL

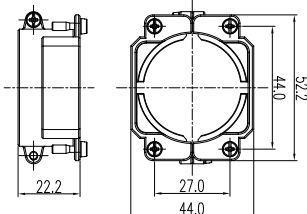
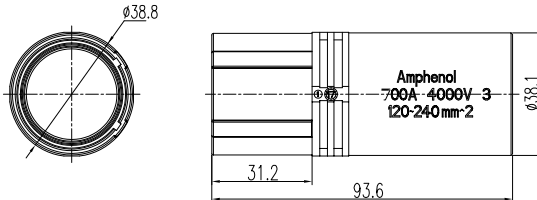
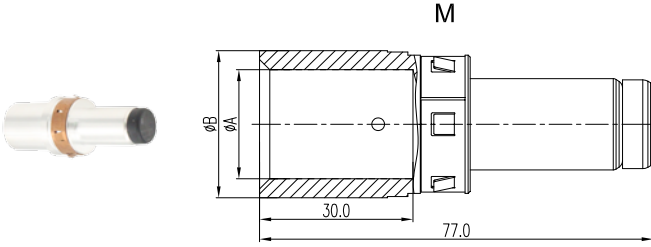
Shell	Aluminum alloy, Epoxy powder painting
Frame	Zinc alloy, nickel plating
Insert	Thermoplastic UL94-V0, EN45545
Contact	18mm Radsok contacts Copper alloy, silver plating, crimp type
Sealing ring	Rubber

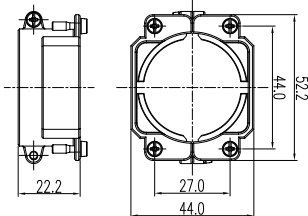
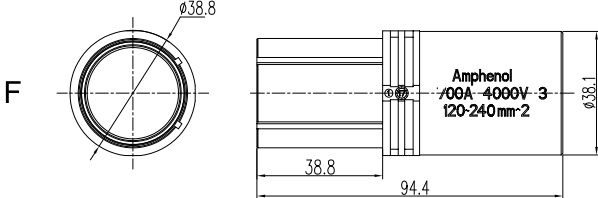
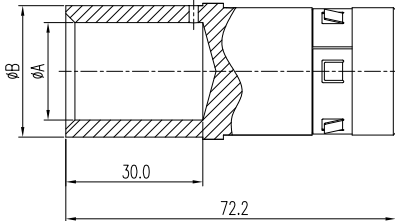
700A 1-PIN

Description	M	P/N	Dimensions
Housing 	1 x M25 1 x M32 1 x M40	C14668R0066508 C14668R0066008 C14668R0066018	
Housing 		C14668F0060011U	

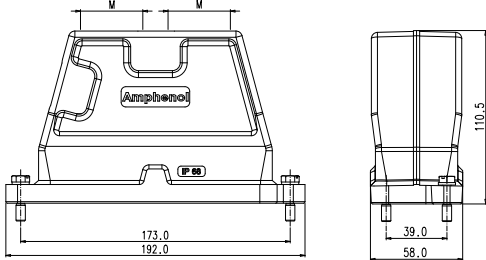
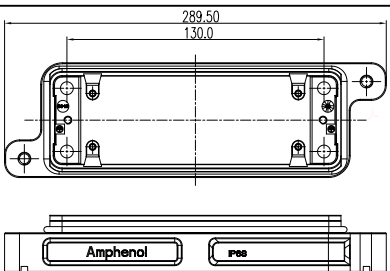
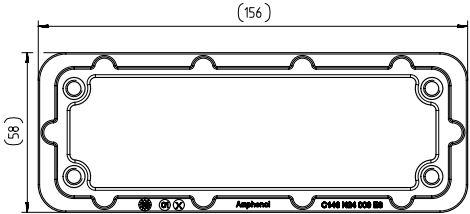
Combination 1	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Combination 2	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Description			P/N	Dimensions	
(Male) Frame 			C420002336		
Male insert 				C422002137	M 
Wire gauge			P/N		Dimensions
(mm ²)	ØA	ØB	Male contacts	M 	
120	Ø15.5	Ø21.0	C20000233304		
150	Ø17.0	Ø23.5	C20000233303		
185	Ø19.0	Ø25.5	C20000233302		
240	Ø21.5	Ø29.0	C20000233301		
	Extraction tool			Crimping tool (electric)	
#R16, 18 Extraction tool ASRC-650-R18			APSM240-10 (Cable size: 10 to 240mm ²)		

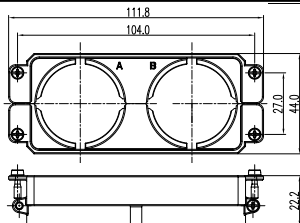
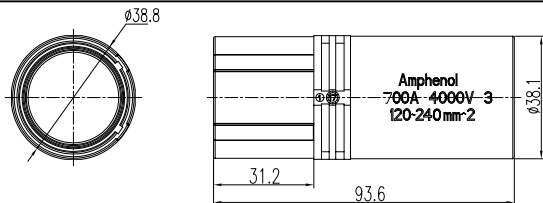
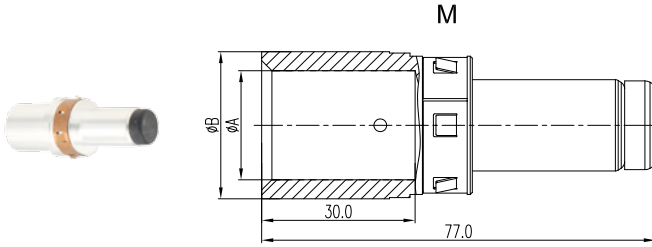
Description			P/N	Dimensions	
(Female) Frame 			C420002336		
Female insert 				C422002136	
Wire gauge			P/N		Dimensions
(mm²)	ØA	ØB	Female contacts	F 	
120	Ø15.5	Ø21.0	C20000233404		
150	Ø17.0	Ø23.5	C20000233403		
185	Ø19.0	Ø25.5	C20000233402		
240	Ø21.5	Ø29.0	C20000233401		
 Extraction tool #R16, 18 Extraction tool ASRC-650-R18				Crimping tool (electric) APSM240-10 (Cable size: 10 to 240mm²)	

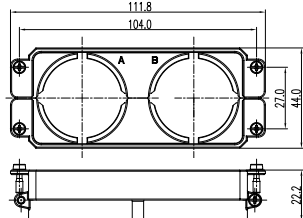
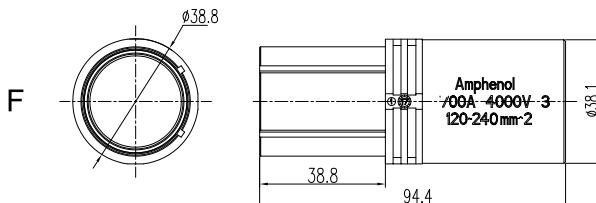
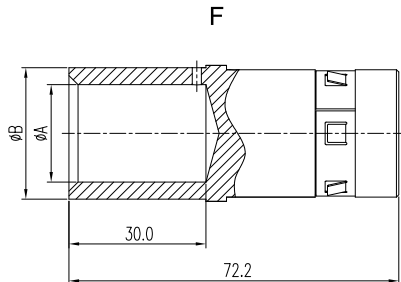
700A 2-PIN

Description	M	P/N	Dimensions
	2 x M32 2 x M40	C14668R0249008U C14668R0249018U	
		C14668F0240011U	
	E24	C146 N24 00078	

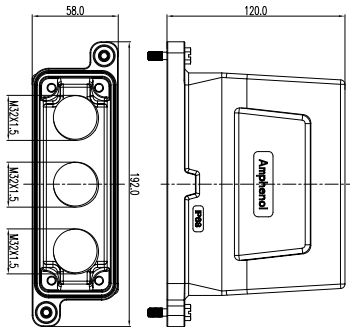
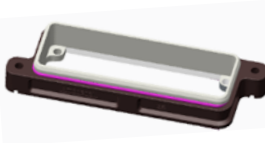
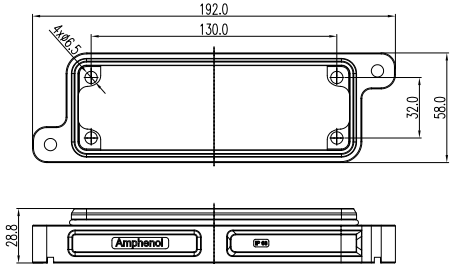
Combination 1	
	
N/A	
(Male) Frame 	(Female) Frame 
Male insert 	Female insert 
Male contact 	Female contact 

Combination 2	
	
	N/A
(Male) Frame 	(Female) Frame 
Male insert 	Female insert 
Male contact 	Female contact 

Description			P/N	Dimensions	
(Male) Frame 			C420002335P		
Male insert 			C422002137	M 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Male contacts	M 	
120	Ø15.5	Ø21.0	C20000233304		
150	Ø17.0	Ø23.5	C20000233303		
185	Ø19.0	Ø25.5	C20000233302		
240	Ø21.5	Ø29.0	C20000233301		
 Extraction tool			 Crimping tool (electric)		
#R16, 18 Extraction tool ASRC-650-R18			APSM240-10 (Cable size: 10 to 240mm ²)		

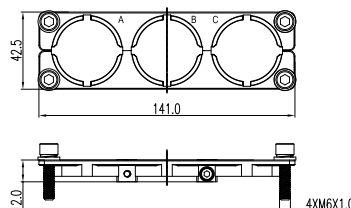
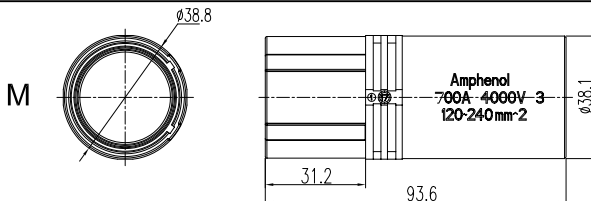
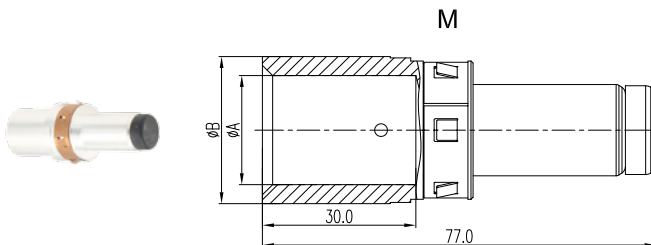
Description			P/N	Dimensions	
(Female) Frame 			C420002335S		
Female insert 			C422002136		
Wire gauge			P/N	Dimensions	
(mm²)	ØA	ØB	Female contacts	 	
120	Ø15.5	Ø21.0	C20000233404		
150	Ø17.0	Ø23.5	C20000233403		
185	Ø19.0	Ø25.5	C20000233402		
240	Ø21.5	Ø29.0	C20000233401		
 Extraction tool			 Crimping tool (electric)		
#R16, 18 Extraction tool ASRC-650-R18			APSM240-10 (Cable size: 10 to 240mm²)		

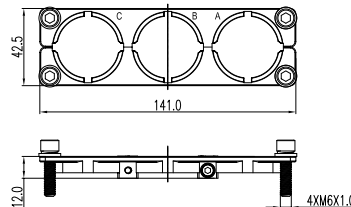
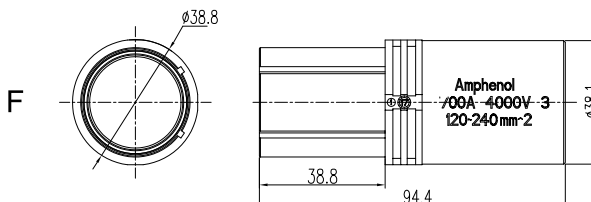
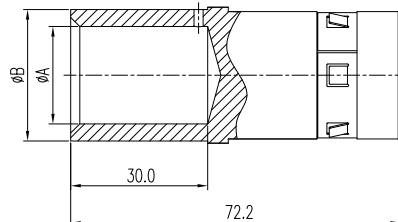
700A 3-PIN

Description	M	P/N	Dimensions
	3 x M32	ASRC68R0249538U	
		ASRC68F0241110U	

Combination 1	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Combination 2	
	
(Male) Frame	(Female) Frame
	
Male insert	Female insert
	
Male contact	Female contact

Description			P/N	Dimensions	
(Male) Frame 			P03CM00046P		
Male insert 			C422002137	M 	
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Male contacts	M 	
120	Ø15.5	Ø21.0	C20000233304		
150	Ø17.0	Ø23.5	C20000233303		
185	Ø19.0	Ø25.5	C20000233302		
240	Ø21.5	Ø29.0	C20000233301		
	Extraction tool			Crimping tool (electric)	
#R16, 18 Extraction tool ASRC-650-R18			APSM240-10 (Cable size: 10 to 240mm ²)		

Description			P/N	Dimensions	
(Female) Frame 			P03CM00046S		
Female insert 			C422002136		
Wire gauge			P/N	Dimensions	
(mm ²)	ØA	ØB	Female contacts	 	
120	Ø15.5	Ø21.0	C20000233404		
150	Ø17.0	Ø23.5	C20000233403		
185	Ø19.0	Ø25.5	C20000233402		
240	Ø21.5	Ø29.0	C20000233401		
	Extraction tool			Crimping tool (electric)	
#R16, 18 Extraction tool ASRC-650-R18			APSM240-10 (Cable size: 10 to 240mm ²)		