HEAVY-DUTY CONNECTORS
PRODUCT CORE CATALOG

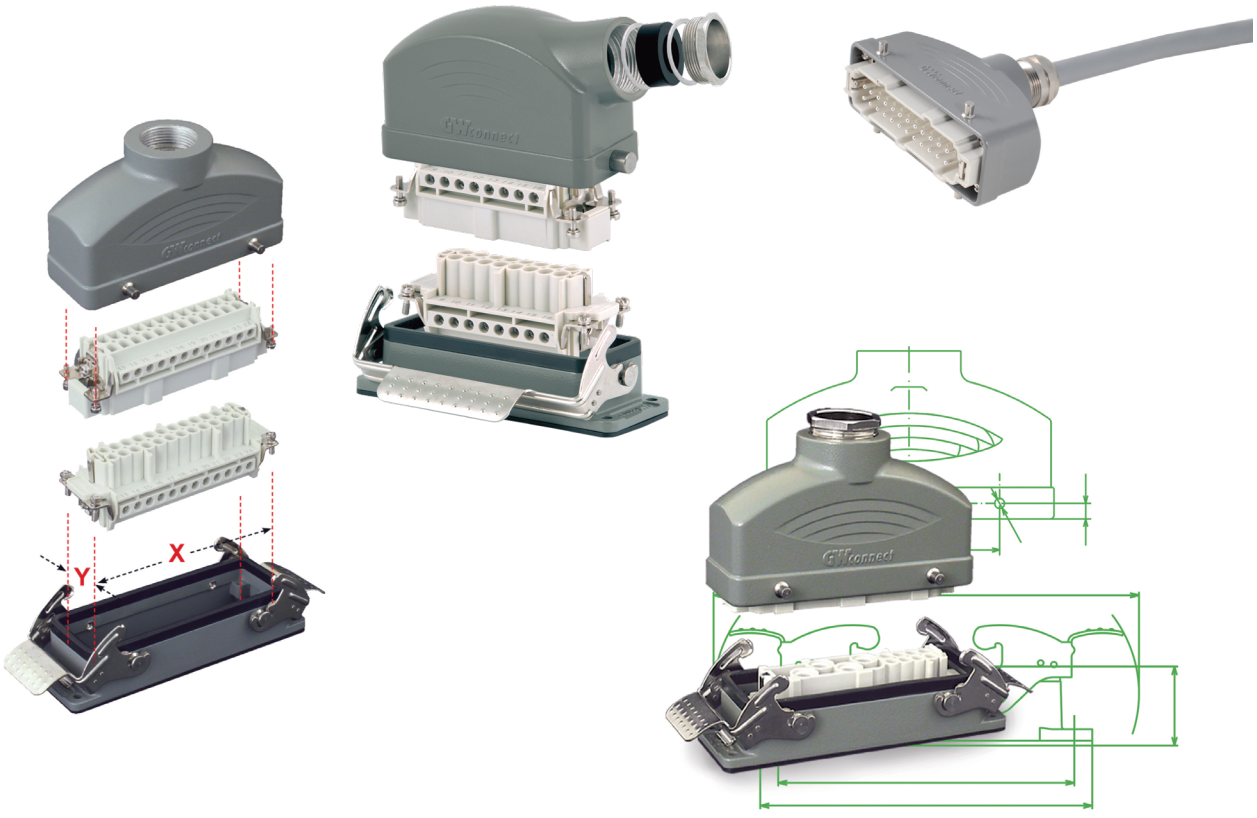


creating connections for life

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Introduction

Industrial manufacturers and system integrators need rugged, standards-compliant multi-pole interconnects that provide reliable operation in challenging environments subject to EMI and moisture. The Molex line of Heavy-Duty Connectors (HDCs) includes more than 6,000 enclosures, inserts and complementary products designed to ensure reliability, enhance design flexibility, simplify installation and maintenance, and streamline system integration. HDCs are ideal for AC and DC power, control and signal connections across a variety of industries and applications that are subject to harsh conditions.



Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

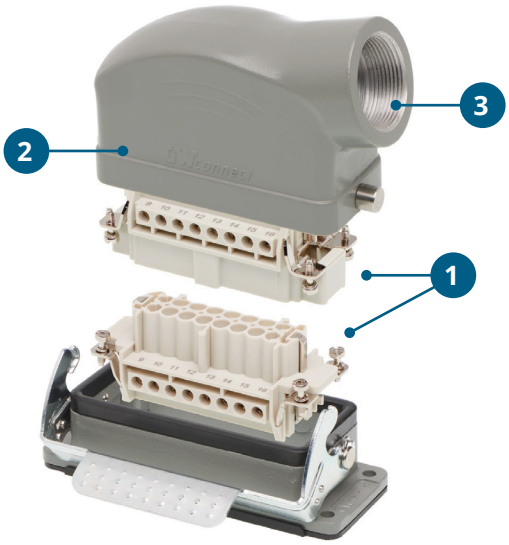
Overview

Type	Size (Screw Center Distance X to Y)	Nomimal Poles x Amps Options	Page
3A	21.00 by 21.00mm	8Px10.0A or 5Px16.0A	4
QD	32.00 by 13.00mm	17Px10.0A, 8Px16.0A or 4Px40.0A+2Px10.0A	5
10A	49.00 by 16.00mm	15Px10.0A or 10Px16.0A	6
16A	66.00 by 16.00mm	25Px10.0A or 16Px16.0A	7
32A	66.00 by 40.00mm (two 66.00 by 16.00mm inserts)	Two 16A inserts - refer to line 4	8
6B	44.00 by 27.00mm	24Px10.0A, 10Px16.0A	9
10B	57.00 by 27.00mm	42Px10.0A, 18Px16.0A	10
16B	77.00 by 27.00mm	72Px10.0A, 32Px16.0A, 6Px35.0A, 4Px80.0A or 4Px80.0A+2Px16.0A	12
24B	104.00 by 27.00mm	108Px10.0A, 46Px16.0A or 4Px80.0A+8Px16.0A	14
32B	77.00 by 62.00mm (two 77.50 by 27.00mm inserts)	Two 16B inserts - refer to line 8	17
48B	104.00 by 62.00mm (two 104.00 by 27.00mm inserts)	Two 24B inserts - refer to line 9	19

How do I configure a Heavy-Duty Connector?

HDCs are highly configurable based on individual application needs. HDC components should be selected in the following order:

1. Matching Male/Female Inserts
   a. Selection is based on current, voltage, and the number and type of poles required (see above quick reference table)
      1. Crimp terminals are selected separately (see page 21)
      2. Screw/spring/push-in terminals are built into insert
2. Mating Hood/Housing
   a. Selection is based on application geometry
   b. Thread size for the matching cable gland is based on the OD of the cable to be used
3. Cable Gland



Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 3A 21x21

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
3A	3+PE	250V 10A	S-A Series	7203.6101.0	936010125	7203.6001.0	936010121	 Screw Terminal
	4+PE	250V 10A	S-A Series	7204.6102.0	936010133	7204.6002.0	936010129	 Screw Terminal
	5+PE	230/400V 16A	S-Q 0/5 Series	7605.5901.0	936010436	7605.5801.0	936010435	 Crimp Contacts
	7+PE	250V 10A	S-D Series	7107.4101.0	936010079	7107.4001.0	936010077	 Crimp Contacts
	8	250V 10A	S-D Series	7108.4102.0	936010084	7108.4002.0	936010081	 Crimp Contacts

Single Lever Hoods and Housings

Size	Thread	Description	Metal		Plastic		M (Metric)
			Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
3A	M 20	Top Entry Hood	7803.6228.0	936010682	7803.6227.0	936010680	
	M 20	Side Entry Hood	7803.6230.0	936010687	7803.6229.0	936010685	
	M 20	Coupling Hood	7803.6232.0	936010692	7803.6231.0	936010690	
		Bulkhead Mount Housing	7803.6202.0	936010616	7803.6201.0	936010614	
		Bulkhead Mount Angle Housing	7803.6204.0	936010622	7803.6203.0	936010620	
	M 20	Surface Mount Housing	7803.6226.0	936010676	7803.6225.0	936010674	
		Cover Male Insert	7803.6804.0	936010710	7803.6803.0	936010708	
		Cover Female Insert	7803.6802.0	936010702	7803.6801.0	936010696	
PG threads also available							

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size QD 32x13

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
32x13	8+PE	500V 16A	S-QD 8 Series	7608.5907.0	936010446	7608.5807.0	936010445	 Crimp Contacts
	17+PE	250V 10A	S-QD 17 Series	7617.5911.0	936010450	7617.5811.0	936010449	 Crimp Contacts
	4+2+PE	460/690 + 250V 4x40A + 2x10A	S-QD 4/2 Series	7606.5915.0	936010438	7606.5815.0	936010437	 Crimp Contacts

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	
32x13	PG 16	Top Entry Hood*	7908.6646.1	936014684	
	PG 21		7908.6648.1	936014685	
	PG 16	Side Entry Hood*	7908.6640.1	936014682	
	PG 21		7908.6643.1	936014683	
	PG 16	Coupling Hood*	7908.6667.1	936014688	
	PG 21		7908.6668.1	936014689	
	PG 16	Bulkhead Mount Angle Housing + 1 Cab. Entry Hood*	7908.6663.1	936014686	
	PG 21		7908.6664.1	936014687	
	Thread	Bulkhead Mount Housing	7808.6660.1	936011041	
		Bulkhead Mount Angle Housing	7808.6669.1	936011051	
		Cover Male Insert	7808.6666.1	936011048	
		Cover Female Insert with Gasket	7808.6665.1	936011047	
	STD	Met. Bulk.Hous. 1Lev	7808.6662.0	936011042	
		Met. Hood 2Pgs S/E M20(6-14)	7808.6650.5	936011023	
		Met. Hood 2Pgs S/E M25 (11-18)	7808.6651.5	936011026	
		Met. Hood 2Pgs T/E M20(6-14)	7808.6654.5	936011029	
		Met. Hood 2Pgs T/E M25 (11-18)	7808.6655.5	936011032	

* These enclosures include the relative cable glands.
Metal version available, M and PG

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

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HEAVY DUTY CONNECTORS

Size 10A 49x16

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
10A	10 +PE	250V 16A	S-A Series Screw Contact	7210.4411.0	936010139	7210.4401.0	936010137	 Screw Terminal
			S-A Series Crimp Contact	7210.4461.0	936010142	7210.4451.0	936010141	 Crimp Contacts
	15 +PE	250V 10A	S-D Series Crimp Contact	7115.4106.0	936010092	7115.4006.0	936010091	 Crimp Contacts

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
10A	M 20	Top Entry Hood	7810.4550.0	936011167	 HC
	M 25		7810.4551.0	936011170	
	M 25 HC		7810.4562.5	936011188	
	M 20	Side Entry Hood	7810.4571.0	936011206	 HC
	M 25 HC		7810.4582.5	936011224	
	M 20	Surface Mount Housing	7810.4501.0	936011126	
	M 25		7810.4503.0	936011131	
	M 20 X2		7810.4502.0	936011128	
	M 20 X2	Surface Mount Housing with Integral Cover	7810.4512.0	936011148	
	M 25 X2		7810.4514.0	936011152	
		Bulkhead Mount Housing	7810.4541.0	936011162	
		Bulkhead Mount Housing with Integral Cover	7810.4542.0	936011165	
		Cover	7810.4591.0	936011239	
		Cover with Lever	7810.4594.0	936011242	
PG threads available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 16A 66x16

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
16A	16 +PE	250V 16A	S-A Series	7216.4412.0	936010147	7216.4402.0	936010143	 Screw Terminal
				7216.4462.0	936010153	7216.4452.0	936010151	 Crimp Contacts
	25 +PE	250V 10A	S-D Series*	7125.4112.0	936010101	7125.4012.0	936010099	 Crimp Contacts

* Also available w/ "Z" mark

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
16A	M 20	Top Entry Hood	7816.4555.0	93601-162	 HC
	M 25		7816.4556.0	936012165	
	M 20 HC		7816.4566.5	936012177	
	M 25 HC		7816.4567.5	936012183	
	M 20	Side Entry Hood	7816.4575.0	936012201	 HC
	M 20 HC		7816.4586.5	936012213	
	M 25 HC		7816.4587.5	936012219	
	M 25	Surface Mount Housing	7816.4523.0	936012126	
	M 20 X2		7816.4522.0	936012123	
	M 25 X2		7816.4524.0	936012128	
	M 20 X2	Surface Mount Housing with Cover	7816.4532.0	936012143	
	M 25 X2		7816.4534.0	936012147	
		Bulkhead Mount Housing	7816.4543.0	936012157	
		Bulkhead Mount Housing with Cover	7816.4544.0	936012160	
		Cover	7816.4592.0	936012234	
		Cover with Lever	7816.4595.0	936012237	

PG threads are available

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 32A 66x40

Inserts

Size	Voltage/Current	Insert Style	Male		Female		
			Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
32A	250V 16A	S-A Series	7216.4412.0 + .4413.0	936010147 + 936010149	7216.4402.0 + .4403.0	936010143 + 936010145	 Screw Terminal
			7216.4462.0 + .4463.0	936010153 + 936010154	7216.4452.0 + .4453.0	936010151 + 936010152	 Crimp Contacts
	250V 10A	S-D Series	2 x 7125.4112.0	2 x 936010101	2 x 7125.4012.0	2 x 936010099	 Crimp Contacts

Double Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
32A	M 25 HC	Top Entry Hood	7832.4641.5	936014121	
	M 32 HC		7832.4642.5	936014127	
	M 25	Side Entry Hood	7832.4647.0	936014142	 HC
	M 25 HC		7832.4651.5	936014154	
	M 32 HC		7832.4652.5	936014160	
	M 25	Surface Mount Housing	7832.4600.0	936014067	
	M 32		7832.4602.0	936014072	
	M 25 X2		7832.4601.0	936014069	
	M 32 X2		7832.4603.0	936014074	
		Bulkhead Mount Housing	7832.4631.0	9360-4112	
		Bulkhead Mount Housing with Cover	7832.4705.0	936014227	
	M32 HC	Reversed Top Entry Hood	7832.4657.5	936014181	 HC
	M32 HC	Reversed Side Entry Hood	7832.4666.5	936014203	 HC
	4 pegs	Cover	7832.4671.0	936014213	
PG threads available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 6B 44x27

Inserts

Size	Poles	Voltage/ Current	Insert Style	Male		Female		
				Engineer. No.	Std. Order No.	Engineer. No.	Std. Order No.	
6B	24 +PE	250V 10A	S-DD Series	7124.4140.0	936010094	7124.4040.0	936010093	 Crimp Contacts
	6 +PE	500V 16A	S-E Series	7306.6103.0	936010215	7306.6003.0	936010207	 Screw Terminal
				7306.6161.0	936010222	7306.6061.0	936010214	 Crimp Contacts
	6 +PE	500V 16A	S-ES Series	7306.5951.0	936010205	7306.5851.0	936010203	 Spring Terminal
	6 +PE	500V 16A	S-EP Series	7306.5961.0	936010206	7306.5861.0	936010204	 Push-in Terminal
	10 +PE	500V 16A	S-EE Series	7310.6190.0	936010244	7310.6090.0	936010237	 Crimp Contacts

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
6B	M 20	Top Entry Hood	7806.6553.0	936010917	 HC
	M 25		7806.6554.0	936010920	
	M 25 HC		7806.6449.5	936010862	
	M 32 HC		7806.6450.5	936010868	
	M 20	Side Entry Hood	7806.6551.0	936010911	 HC
	M 25		7806.6552.0	936010914	
	M 25 HC		7806.6491.5	936010886	
	M 32 HC		7806.6492.5	936010892	
	M 20	Surface Mount Housing	7806.6351.0	936010828	 HC
	M 20 x2		7806.6352.0	936010831	
	M 32 x2 HC		7806.7152.0	936010949	
	M 40 x2 HC		7806.7154.0	936010954	
	M 20	Surface Mount Housing with Cover	7806.6361.0	936010834	 HC
	M 20 x2		7806.6362.0	936010836	
	M 32 x2 HC		7806.7266.0	936010996	
		Bulkhead Mount Housing	7806.6401.0	936010842	
	M 20	Coupling Hood	7806.6592.0	936010925	 HC
		Cover with Lever	7806.6818.0	936010930	
		Cover with Pegs	7806.6813.0	936010927	
PG threads available, Housings w/ automatic Cover available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 10B 57x27

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
10B	42 +PE	250V 10A	S-DD Series	7142.4146.0	936010106	7142.4046.0	936010105	 Crimp Contacts
	10 +PE	500V 16A	S-E Series	7310.6104.0	936010238	7310.6004.0	936010231	 Screw Terminal
				7310.6162.0	936010243	7310.6062.0	936010236	 Crimp Contacts
	10 +PE	500V 16A	S-ES Series	7310.5952.0	936010229	7310.5852.0	936010227	 Spring Terminal
	10 +PE	500V 16A	S-EP Series	7310.5962.0	936010230	7310.5862.0	936010228	 Push-in Terminal
	18 +PE	500V 16A	S-EE Series	7318.6191.0	936010284	7318.6091.0	936010283	 Crimp Contacts

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
10B	M 20	Top Entry Hood	7810.6556.0	936011738	 HC
	M 25		7810.6593.0	936011758	
	M 32 HC		7810.6451.5	936011637	
	M 40 HC		7810.6452.5	936011643	
	M 20	Side Entry Hood	7810.6555.0	936011735	 HC
	M 25		7810.6594.0	936011761	
	M 32 HC		7810.6493.5	936011703	
	M 40 HC		7810.6494.5	936011709	
	M 20	Surface Mount Housing	7810.6353.0	936011547	 HC
	M 20 x2		7810.6354.0	936011550	
	M 32 x2 HC		7810.7161.0	936011888	
	M 40 x2 HC		7810.7163.0	936011893	
	M 20	Surface Mount Housing with Cover	7810.6363.0	936011553	 HC
	M 20 x2		7810.6364.0	936011556	
	M 32 x2 HC		7810.7275.0	936011953	
	M 40 x2 HC		7810.7277.0	936011958	
		Bulkhead Mount Housing	7810.6403.0	936011569	
	M 25	Coupling Hood	7810.6582.0	936011751	 HC
	M 25 HC		7810.7008.5	936011825	
	M 32 HC		7810.7009.5	936011831	
		Cover with Lever	7810.6819.0	936011802	
		Cover with Pegs	7810.6814.0	936011800	

PG threads available, Housings w/ automatic Cover available

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 10B 57x27

Double Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
10B	M 20	Top Entry Hood	7810.6570.0	936011746	 HC
	M 32 HC		7810.6443.5	936011619	
	M 40 HC		7810.6444.5	936011629	
	M 20	Side Entry Hood	7810.6569.0	936011741	 HC
	M 32 HC		7810.6485.5	936011685	
	M 40 HC		7810.6486.5	936011695	
	M 20	Surface Mount Housing	7810.6372.0	936011559	 HC
	M 20 x2		7810.6373.0	936011564	
	M 32x2 HC		7810.7461.0	936011986	
	M 40 x2 HC		7810.7463.0	936011996	
		Bulkhead Mount Housing	7810.6412.0	936011575	
	M 20	Coupling Hood	7810.6598.0	936011774	 HC
	M 25 HC		7810.7003.5	936011808	
	M 32 HC		7810.7004.5	936011816	
		Cover with Levers	7810.6809.0	936011797	
		Cover with Pegs	7810.6805.0	936011794	
PG threads are also available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 16B 77x27

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
16B	40 +PE	250V 10A	S-D Series	7140.4118.0	936010104	7140.4018.0	936010113	 Crimp Contacts
	72 +PE	250V 10A	S-DD Series	7172.4152.0	936010115	7172.4052.0	936010115	
	16 +PE	500V 16A	S-E Series	7316.6105.0	936010273	7316.6005.0	936010263	 Screw Terminal
				7316.6163.0	936010281	7316.6063.0	936010271	 Crimp Contacts
	16 +PE	500V 16A	S-ES Series	7316.5953.0	936010259	7316.5853.0	936010255	 Spring Terminal
	16 +PE	500V 16A	S-EP Series	7316.5963.0	936010261	7316.5863.0	936010257	 Push-in Terminal
	32 +PE	500V 16A	S-EE Series	7332.6192.0	936010321	7332.6092.0	936010318	 Crimp Contacts
	6 +PE	830V 35A		7306.6141.0	936010219	7306.6041.0	936010211	
	4 +PE	830V 80A	S-K Series	7304.6144.0	936010198	7304.6044.0	936010197	 Screw Terminal
	4+2 +PE	830/500V 80 + 16A		7306.6145.0	936010221	7306.6045.0	936010213	

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 16B 77x27

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	
16B	M 25	Top Entry Hood	7816.6558.0	936012816	 HC
	M 32		7816.6547.0	936012801	
	M 32 HC		7816.6453.5	936012667	
	M 40 HC		7816.6454.5	936012673	
	M 25	Side Entry Hood	7816.6557.0	936012813	 HC
	M 32		7816.6549.0	936012807	
	M 32 HC		7816.6495.5	936012761	
	M 40 HC		7816.6496.5	936012767	
	M 25	Surface Mount Housing	7816.6355.0	936012549	 HC
	M 25 x2		7816.6356.0	936012552	
	M 32 HC		7816.7169.0	936012934	
	M 32 x2 HC		7816.7170.0	936012936	
	M 40 x2 HC		7816.7172.0	936012941	
	M 25	Surface Mount Housing with Cover	7816.6365.0	936012555	 HC
	M 25 x2		7816.6366.0	936012558	
	M 32 x2 HC		7816.7284.0	936013001	
	M 40 x2 HC		7816.7286.0	936013006	
		Bulkhead Mount Housing	7816.6405.0	936012571	
	M 25	Coupling Hood	7816.6583.0	936012829	 HC
	M 25 HC		7816.6461.5	936012695	
	M 32 HC		7816.6462.5	936012701	
		Cover with Lever	7816.6820.0	936012892	
		Cover with Pegs	7816.6815.0	936012890	

PG threads available
Housings w/ automatic Cover available

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 16B 77x27

Double Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	
16B	M 25	Top Entry Hood	7816.6572.0	936012824	 HC
	M 32		7816.6921.0	936012894	
	M 32 HC		7816.6445.5	936012649	
	M 40 HC		7816.6446.5	936012659	
	M 25	Side Entry Hood	7816.6571.0	936012819	 HC
	M 32		7816.6922.0	936012899	
	M 32 HC		7816.6487.5	936012743	
	M 40 HC		7816.6488.5	936012753	
	M 25	Surface Mount Housing	7816.6374.0	936012561	 HC
	M 25 x2		7816.6375.0	936012566	
	M 32 HC		7816.7469.0	936013024	
	M 32 x2 HC		7816.7470.0	936013029	
	M 40 x2 HC		7816.7472.0	936013039	
		Bulkhead Mount Housing	7816.6413.0	936012577	
	M 25	Coupling Hood	7816.6587.0	936012832	 HC
	M 32		7816.6923.0	936012904	
	M 25 HC		7816.6457.5	936012680	
	M 32 HC		7816.6458.5	936012688	
		Cover with Levers	7816.6810.0	936012887	
		Cover with Pegs	7816.6806.0	936012884	
PG threads available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 24B 104x27

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
24B	64 +PE	250V 10A	S-D Series	7164.4124.0	936010112	7164.4024.0	936010111	 Crimp Contacts
	108 +PE	250V 10A	S-DD Series	7108.4158.0	936010085	7108.4058.0	936010082	 Crimp Contacts
	24 +PE	500V 16A	S-E Series	7324.6107.0	936010307	7324.6007.0	936010297	 Screw Terminal
				7324.6165.0	936010315	7324.6065.0	936010305	 Crimp Contacts
	24 +PE	500V 16A	S-ES Series	7324.6165.0	936010315	7324.6065.0	936010305	 Spring Terminal
	24 +PE	500V 16A	S-EP Series	7324.5965.0	936010295	7324.5865.0	936010291	 Push-in Terminal
	46 +PE	S-EE Series	500V 16A	7346.6194.0	936010329	7346.6094.0	936010327	 Crimp Contacts
	4+8 +PE	S-K Series	830/500V 80 + 16A	7312.6143.0	936010247	7312.6043.0	936010245	 500 V Screw Terminal

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

Size 24B 104x27

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
24B	M 25	Top Entry Hood	7824.6560.0	936013767	 HC
	M 32		7824.6624.0	936013851	
	M 32 HC		7824.6455.5	936013628	
	M 40 HC		7824.6456.5	936013634	
	M 25	Side Entry Hood	7824.6559.0	936013764	 HC
	M 32		7824.6925.0	936013854	
	M 32 HC		7824.6497.5	936013722	
	M 40 HC		7824.6498.5	936013728	
	M 25	Surface Mount Housing	7824.6357.0	936013510	 HC
	M 25 x2		7824.6358.0	936013513	
	M 32 x2 HC		7824.7179.0	936013907	
	M 40 x2 HC		7824.7181.0	936013912	
	M 25	Surface Mount Housing with Cover	7824.6367.0	936013516	 HC
	M 25 x2		7824.6368.0	936013519	
	M 32 x2 HC		7824.7293.0	936013966	
	M 40 x2 HC		7824.7295.0	936013972	
		Bulkhead Mount Housing	7824.6407.0	936013532	
	M 32	Coupling Hood	7824.6584.0	936013780	 HC
	M 25 HC		7824.6463.5	936013656	
	M 32 HC		7824.6464.5	936013662	
		Cover with Lever	7824.6821.0	936013849	
		Cover with Pegs	7824.6816.0	936013847	

PG threads available
Housings w/ automatic Cover available

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 24B 104x27

Double Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	
24B	M 25	Top Entry Hood	7824.6574.0	936013775	 HC
	M 32		7824.6926.0	936013857	
	M 32 HC		7824.6447.5	936013610	
	M 40 HC		7824.6448.5	936013620	
	M 25	Side Entry Hood	7824.6573.0	936013770	 HC
	M 32		7824.6927.0	936013862	
	M 32 HC		7824.6489.5	936013704	
	M 40 HC		7824.6490.5	936013714	
	M 25	Surface Mount Housing	7824.6376.0	936013522	 HC
	M 25 x2		7824.6377.0	936013527	
	M 32 HC		7824.7478.0	936013987	
	M 32 x2 HC		7824.7479.0	936013992	
	M 40 HC		7824.7480.0	936013997	
	M 40 x2 HC		7824.7481.0	936014002	
		Bulkhead Mount Housing	7824.6414.0	936013538	
	M 32	Coupling Hood	7824.6588.0	936013783	 HC
	M 25 HC		7824.6459.5	936013641	
	M 32 HC		7824.6460.5	936013649	
		Cover with Levers	7824.6811.0	936013844	
		Cover with Pegs	7824.6807.0	936013841	
PG threads available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 32B 77x62

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		M (Metric)
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
32B	80 +PE	250V 10A	S-D Series	2 x 7140.4118.0	2 x 936010104	2 x 7140.4018.0	2 x 936010103	 Crimp Contacts
	144 +PE	250V 10A	S-DD Series	7172.4152.0 + 7172.4153.0	936010115 + 936010116	7172.4052.0 + 7172.4053.0	936010113 + 936010114	 Crimp Contacts
	32 +PE	500V 16A	S-E Series	7316.6105.0 + 7316.6106.0	936010273 + 936010277	7316.6005.0 + 7316.6006.0	936010263 + 936010267	 Screw Terminal
				7316.6163.0 + 7316.6164.0	936010281 + 936010282	7316.6063.0 + 7316.6064.0	936010271 + 936010272	 Crimp Contacts
	32 +PE	500V 16A	S-ES Series	7316.5953.0 + 7316.5954.0	936010259 + 936010260	7316.5853.0 + 7316.5854.0	936010255 + 936010256	 Spring Terminal
	32 +PE	500V 16A	S-EP Series	7316.5963.0 + 7316.5964.0	936010261 + 936010262	7316.5863.0 + 7316.5864.0	936010257 + 936010258	 Push-in Terminal
	64 +PE	500V 16A	S-EE Series	7332.6192.0 + 7332.6193.0	936010321 + 936010322	7332.6092.0 + 7332.6093.0	936010318 + 936010319	 Crimp Contacts
	12 +PE	830V 35A	S-HSB Series	7306.6141.0 + .6142.0	936010219 + 936010220	7306.6041.0 + .6042.0	936010211 + 9360-0212	 Screw Terminal

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 32B 77x62

Single Lever Hoods and Housings

Thread	Description	Engineering No.	Standard Order No.	
M 40	Side Entry Hood	7832.6561.5	936014421	 HC

Double Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	M (Metric)
32B	M 32 HC	Top Entry Hood	7832.6578.0	936014439	 HC
	M 40 HC		7832.6579.0	936014443	
	M 50 HC		7832.6580.0	936014447	
	M 32 HC	Side Entry Hood	7832.6575.5	936014429	 HC
	M 40 HC		7832.6576.5	936014433	
	M 50 HC		7832.6577.5	936014437	
	M 40	Surface Mount Housing	7832.6384.0	936014361	 HC
	M 40 x2		7832.6385.0	936014363	
	M 50		7832.6378.0	936014351	
	M 50 x2		7832.6379.0	936014353	
		Bulkhead Mount Housing	7832.6415.0	936014369	
	M 32 HC	Coupling Hood	7832.6589.0	936014455	 HC
	M 40 HC		7832.6590.0	936014459	
	M 50 HC		7832.6591.0	936014463	
		Cover with Levers	7832.6812.0	936014469	
		Cover with Pegs	7832.6808.0	936014467	
PG threads available					

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

HEAVY DUTY CONNECTORS

Size 48B 104x62

Inserts

Size	Poles	Voltage/Current	Insert Style	Male		Female		M (Metric)
				Engineering No.	Standard Order No.	Engineering No.	Standard Order No.	
48B	128 +PE	250V 10A	S-D Series	2 x 7164.4124.0	2 x 936010112	2 x 7164.4024.0	2 x 936010111	 Crimp Contacts
	216 +PE	250V 10A	S-DD Series	7108.4158.0 + 7108.4159.0	936010085 + 936010086	7108.4058.0 + 7108.4059.0	936010082 + 936010083	 Crimp Contacts
	48 +PE	500V 16A	S-E Series	7324.6107.0 + 7324.6108.0	936010307 + 936010311	7324.6007.0 + 7324.6008.0	936010297 + 936010301	 Screw Terminal
				7324.6165.0 + 7324.6166.0	936010315 + 936010316	7324.6065.0 + 7324.6066.0	936010305 + 936010306	 Crimp Contacts
	48 +PE	500V 16A	S-ES Series	7324.5955.0 + 7324.5956.0	936010293 + 936010294	7324.5855.0 + 7324.5856.0	936010289 + 936010290	 Spring Terminal
	48 +PE	500V 16A	S-EP Series	7324.5965.0 + 7324.5966.0	936010295 + 936010296	7324.5865.0 + 7324.5866.0	936010291 + 936010291	 Push-in Terminal
	92 +PE	500V 16A	S-EE Series	7346.6194.0 + 7346.6195.0	936010329 + 936010330	7346.6094.0 + 7346.6095.0	936010327 + 936010328	 Crimp Contacts

Single Lever Hoods and Housings

Size	Thread	Description	Engineering No.	Standard Order No.	
48B	M 40	Top Entry Hood	7848.6567.0	936014573	
	M 50		7848.6568.0	936014577	
	M 40	Side Entry Hood	7848.6564.5	936014563	 HC
	M 50		7848.6565.5	936014567	
	M 32 x2	Surface Mount Housing	7848.7429.0	936014582	 HC
	M 40 x2		7848.7430.0	936014584	
	M 50 x2		7848.7431.0	936014586	
	M 32 x2	Surface Mount Housing with Cover	7848.7433.0	936014588	 HC
	M 40 x2		7848.6386.0	936014529	
	M 50 x2		7848.6371.0	936014527	
		Bulkhead Mount Housing	7848.7440.0	936014590	

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

Crimp Contacts – Turned Crimp Contacts

Size 10A Inserts and Modules




Wire		10 Amp Crimp Contacts							
mm²	AWG	Female				Male			
		Silver plated		Gold plated		Silver plated		Gold plated	
0.14 to 0.37	26 to 22	7100.4201.0	936010039	7100.4201.1	936010040	7100.4211.0	936010051	7100.4211.1	936010052
0.50	20	7100.4202.0	936010041	7100.4202.1	936010042	7100.4212.0	936010053	7100.4212.1	936010054
0.75	18	7100.4203.0	936010043	7100.4203.1	936010044	7100.4213.0	936010055	7100.4213.1	936010056
1.00	17	7100.4204.0	936010045	7100.4204.1	936010046	7100.4214.0	936010057	7100.4214.1	936010058
1.50	16	7100.4205.0	936010047	7100.4205.1	936010048	7100.4215.0	936010059	7100.4215.1	936010060
2.50	14	7100.4206.0	936010049	7100.4206.1	936010050	7100.4216.0	936010061	7100.4216.1	936010062

Size 16A Inserts and Modules




Wire		16 Amp Crimp Contacts							
mm²	AWG	Female				Male			
		Silver plated		Gold plated		Silver plated		Gold plated	
0.14 to 0.37	26 to 22	7300.6240.0	936010171	7300.6240.1	936010172	7300.6237.0	936010165	7300.6237.1	936010166
0.50	20	7300.6241.0	936010173	7300.6241.1	936010174	7300.6246.0	936010183	7300.6246.1	936010184
0.75	18	7300.6239.0	936010169	7300.6239.1	936010170	7300.6236.0	936010163	7300.6236.1	936010164
1.00	17	7300.6242.0	936010175	7300.6242.1	936010176	7300.6247.0	936010185	7300.6247.1	936010186
1.50	16	7300.6243.0	936010177	7300.6243.1	936010178	7300.6248.0	936010187	7300.6248.1	936010188
2.50	14	7300.6244.0	936010179	7300.6244.1	936010180	7300.6249.0	936010189	7300.6249.1	936010190
4.00	12	7300.6245.0	936010181	7300.6245.1	936010182	7300.6250.0	936010191	7300.6250.1	936010192

Size 40A Inserts and Modules




Wire		40 Amp Crimp Contacts							
mm²	AWG	Female				Male			
		Silver plated		Gold plated		Silver plated		Gold plated	
1.50	16	7600.5700.0	936010406	-	-	7600.5710.0	936010416	-	-
2.50	14	7600.5701.0	936010408	-	-	7600.5711.0	936010418	-	-
4.00	12	7600.5702.0	936010410	-	-	7600.5712.0	936010420	-	-
6.00	10	7600.5703.0	936010412	-	-	7600.5713.0	936010422	-	-
10.00	7	7600.5704.0	936010414	-	-	7600.5714.0	936010424	-	-

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

Cable Glands

IP68 Metal Cable Glands — 5 Bar				
Thread Type	Cab. Dia. mm²	Thread	Engineering No.	Standard Order No.
Metric	8.00 to 14.00	M20	7000.6831.0	936000024
	11.00 to 18.00	M25	7000.6832.0	936000026
	14.00 to 21.00	M32	7000.6833.0	936000028
	19.00 to 28.00	M40	7000.6834.0	936000030
	24.00 to 38.00	M50	7000.6835.0	936000032
Also available: Stainless Steel and EMC version				



IP68 Cable Glands without Nut and Gasket				
Thread Type	Cab. dia. mm²	Thr.	Light Grey	
			Engineering No.	Standard Order No.
Metric	7.00 to 12.00	M20	7000.7823.2	936000351
Part Numbers with nut are also available				



Code Pins and DIN Rail Mounting Kits

Single Code Pin		
Material	Engineering No.	Standard Order No.
Zinc-plated steel	7000.6874.3	0936050015







Double Code Pin				
	Male		Female	
Material	Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
Zinc-plated steel	7000.6875.3	0936050017	7000.6876.3	0936050019

DIN Rail Mounting Kits		
Description	Engineering No.	Standard Order No.
For size 6B inserts	7006.7009.0	936050038
For size 10B inserts	7010.7009.0	936050040
For size 16B inserts	7016.7009.0	936050042
For size 24B inserts	7024.7009.0	936050044



Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

Crimping Tools

Crimp Tools - For contacts: 10A, DIA 1.6 mm, 16A DIA 2.5 mm, 40A DIA 4 mm

Description	Engineering No.	Standard Order No.	
Eight (4+4) indent crimping tool for crimping in accordance with MIL - C - 225 20/1	8500.7930.0	936050076	
Complete crimping tool includes: - Tool - Die set - Locator	8500.7925.0	936050073	

Crimp Tools - For contacts: 10A, DIA 1.6 mm, 16A DIA 2.5 mm, 40A DIA 2.5 mm

Description	Engineering No.	Standard Order No.	
Economical crimping tool for turned contacts with ratchet:	8500.6251.0	936050065	

Insertion & Removal Tools

Description	Engineering No.	Standard Order No.	
Removal tool 10A contacts	8500.7940.0	936050079	
Removal tool 16A contacts	8500.7945.0	9360050083	
Removal tool 40A contacts	8500.7941.0	936050080	
Insertion tool 10A contacts for wire diameter 0.14 to 1.50mm2	8500.7948.0	936050084	

Abbreviations PE = Ground HC = High Construction Thread x2 = Double entry

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