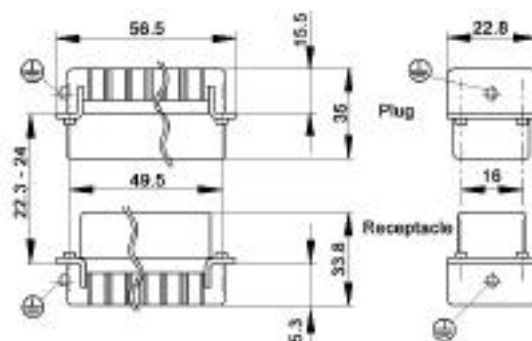
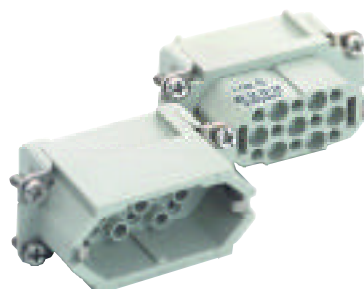
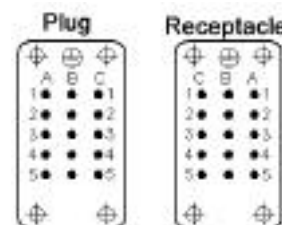


Rectangular Connectors HD Series

HD 15 CRIMP TERMINATED: MACHINE CONTACT INSERTS



View from cable side



All dimensions are in mm.

Contacts Sold Separately

Plug	Receptacle
11.2551	11.2561

These inserts fit in the HA 10 Series Housings which are on the following pages.

MACHINED CONTACTS: DIAMETER 1.6MM



Bags of 100							
mm2	AWG	Silver			Gold		
		Pin	Socket	Stripping Length	Pin	Socket	Stripping Length
0.14 - 0.37	26 - 22	13.1620	13.1630	8	13.1625	13.1635	8
0.5	20	13.1621	13.1631	8	13.1626	13.1636	8
0.75 - 1.0	18	13.1622	13.1632	8	13.1627	13.1637	8
1.5	16	13.1623	13.1633	8	13.1628	13.1638	8
2.5	14	13.1624	13.1634	5.8	-	-	-

TOOLS

WIRE GAUGE: 0.14 - 2.5 MM2



Locator
11.1472



Crimp Dies
11.1471



Crimp Tool
11.1470



Removal Tool:
11.1610

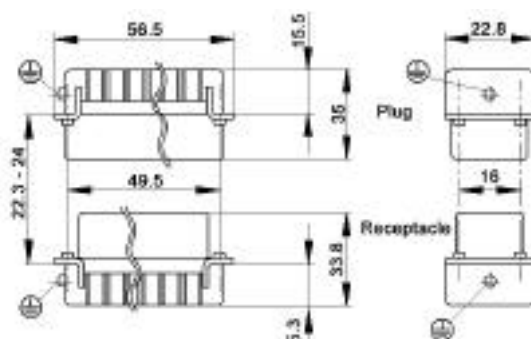
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Rectangular Connectors HD Series

HD 15 CRIMP TERMINATED: STAMPED & FORMED CONTACT INSERTS



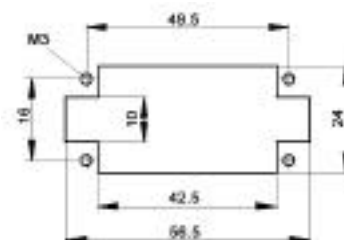
Contacts Sold Separately



All dimensions are in mm.

Plug	Receptacle
11.2550	11.2560

Panel Cut-Out



These inserts fit in the HA 10 Series Housings which are on the following pages.

STAMPED & FORMED CONTACTS: DIAMETER 1.6MM



Reel feeds from left.

mm2	AWG	Bags of 100				Reels of 200		Stripping Length
		Silver		Gold		Silver		
		Pin	Socket	Pin	Socket	Pin	Socket	
0.14 - 0.5	26 - 20	11.2411	11.2311	11.2431	11.2331	11.2407	11.2307	2.5 - 0.5
0.5 - 1.5	20 - 16	11.2210	11.2361	11.2213	11.2381	11.2207	11.2357	3.5 - 0.5
1.5 - 2.5	16 - 14	11.2235	11.2285	-	-	11.2230	11.2280	3.5 - 0.5

TOOLS

WIRE GAUGE: 0.14 - 2.5 MM2



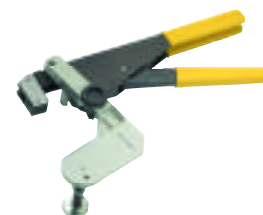
Crimp Tool
11.1470



Locator
11.1473



Removal Tool:
11.1610



Crimp Tool for Reel:
11.1535

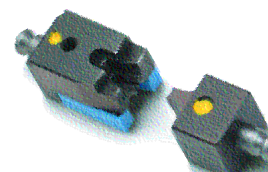


Crimp Dies

0.14-0.5:	11.147170
0.5-1.5:	11.147180
1.5-2.5:	11.147190

Crimp Dies for Reel:

0.14-0.5:	11.1536
0.5-1.5:	11.1537
1.5-2.5:	11.1538

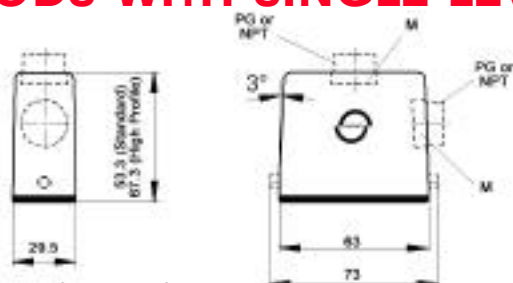


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Rectangular Connectors HD Series

HA 10 HOODS WITH SINGLE LEVER BOLTS

TOP ENTRY



SIDE ENTRY



All dimensions are in mm.

STANDARD PROFILE

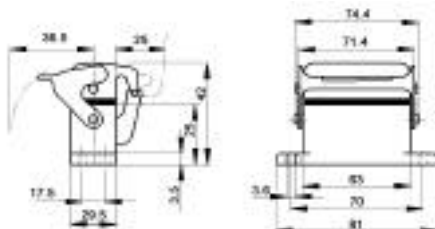
Position of Cable Entry	Size of Entry			Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief		
	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG	NPT	M
Top Entry	13.5	1/2"	20	10.4460	10.4460NP	19.4460	-	-	-	Orange	Yellow	Green
	16	1/2"	25	10.4461	10.4461NP	19.4461	70.4610	70.4610NP	79.4610	Yellow	Yellow	Green
Side Entry	16	1/2"	25	10.4450	10.4450NP	19.4450	70.4630	70.4630NP	79.4630	Yellow	Yellow	Green
	21	3/4"	25	10.4455	10.4455NP	19.4455	-	-	-	Green	Green	Green

HIGH PROFILE

Position of Cable Entry	Size of Entry			Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief		
	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG	NPT	M
Top Entry	16	1/2"	20	70.4602	70.4602NP	79.4602	70.4612	70.4612NP	79.4612	Yellow	Yellow	Green
	21	3/4"	25	70.4604	70.4604NP	79.4604	70.4614	70.4614NP	79.4614	Green	Green	Green
Side Entry	16	1/2"	20	70.4622	70.4622NP	79.4622	70.4632	70.4632NP	79.4632	Yellow	Yellow	Green
	21	3/4"	25	70.4624	70.4624NP	79.4624	70.4634	70.4634NP	79.4634	Green	Green	Green

Metric hoods do not come with a neck.

HA 10 PANEL MOUNT BASES WITH SINGLE LEVER



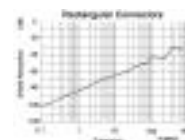
	Standard Grey Coating	Black Coating (NEMA 4X)
Without Dust Cover	10.4420	70.4425
With Dust Cover	70.4440	70.4445

All dimensions are in mm.

EMC PROTECTION



	PG/NPT	Metric
Panel Mount Base	70.7000	79.7000
Surface Mount & Cable Coupler Hood	70.7020	79.7020

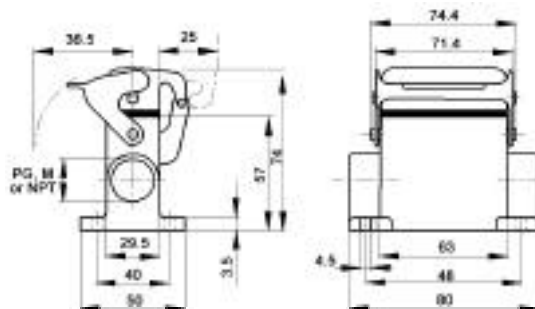


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Rectangular Connectors HD Series

HA 10 SURFACE MOUNT BASES WITH SINGLE LEVER

1



All dimensions are in mm.



WITHOUT DUST COVER

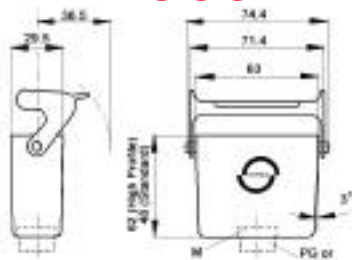
Number of Entries	Size of Entry			Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief
	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	
1 Entry	16	1/2"	20	10.4481	10.4481NP	19.4481	70.4472	70.4472NP	79.4472	PG NPT M
	21	3/4"	25	10.4480	10.4480NP	19.4480	70.4474	70.4474NP	79.4474	PG NPT M
2 Entries	16	1/2"	20	10.4501	10.4501NP	19.4501	70.4482	70.4482NP	79.4482	PG NPT M
	21	3/4"	25	10.4500	10.4500NP	19.4500	70.4484	70.4484NP	79.4484	PG NPT M

WITH DUST COVER

Number of Entries	Size of Entry			Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief
	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	
1 Entry	16	1/2"	20	70.4552	70.4552NP	79.4552	70.4572	70.4572NP	79.4572	PG NPT M
	21	3/4"	25	70.4554	70.4554NP	79.4554	70.4574	70.4574NP	79.4574	PG NPT M
2 Entries	16	1/2"	20	70.4562	70.4562NP	79.4562	70.4582	70.4582NP	79.4582	PG NPT M
	21	3/4"	25	70.4564	70.4564NP	79.4564	70.4584	70.4584NP	79.4584	PG NPT M

HA 10 CABLE COUPLER HOODS

PG



All dimensions are in mm.

METRIC



Profile	Size of Entry			Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief
	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	
Standard	13.5	1/2"	20	10.4390	10.4390NP	19.4390	-	-	-	PG NPT M
	16	1/2"	25	70.4500	70.4500NP	79.4500	70.4510	70.4510NP	79.4510	PG NPT M
High	21	3/4"	25	70.4504	70.4504NP	79.4504	70.4514	70.4514NP	79.4514	PG NPT M

Metric hoods do not come with a neck.

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