MC SERIES

The Modular series inserts provide flexibility. A combination of 2 up to 14 Modules can be combined into one frame. The available modules include coax, high voltage, cage clamp, and crimp terminated.

These inserts fit into the HBE Series housings which are now standard with fixed levers.

of Contacts: 3 up to 280





DE

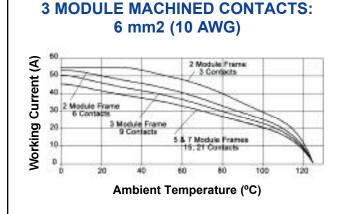


TECHNICAL DATA

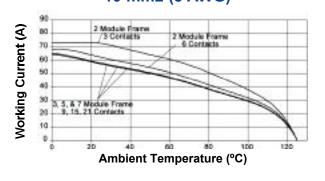
Restangular Connectors MC Series

Inserts: Number of Contacts:	3 - 280) (+PE)	Temperature Range:	-40°C to 125°C
Rated Voltage:	VDE: UL: CSA: SEV:	100-1000V 63-600V 60-600V 63-630V	Termination Type: Contacts:	Crimp termination: .06 - 10mm2, AWG: 30 - 6 AWG Cage Clamp: 0.5 - 2.5mm2, AWG: 20 - 14 Copper alloy, silver plated/ gold plated
Rated Current:	VDE: UL: CSA: SEV:	5-50A 10-40A 5-40A 5-40A	Contact Resistance: Dimension transient:	<1mOhm - <5MOhm 1.5 - 8kV, depending on module
Pollution Level:	3		Mating Cycles:	100 (higher mating cycles depends on the application)

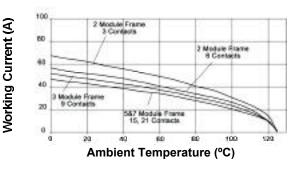
TECHNICAL DATA: DERATING CURVES



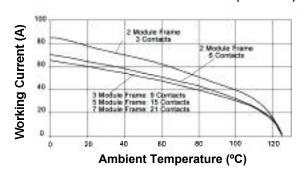
3 MODULE MACHINED CONTACTS: 10 mm2 (8 AWG)

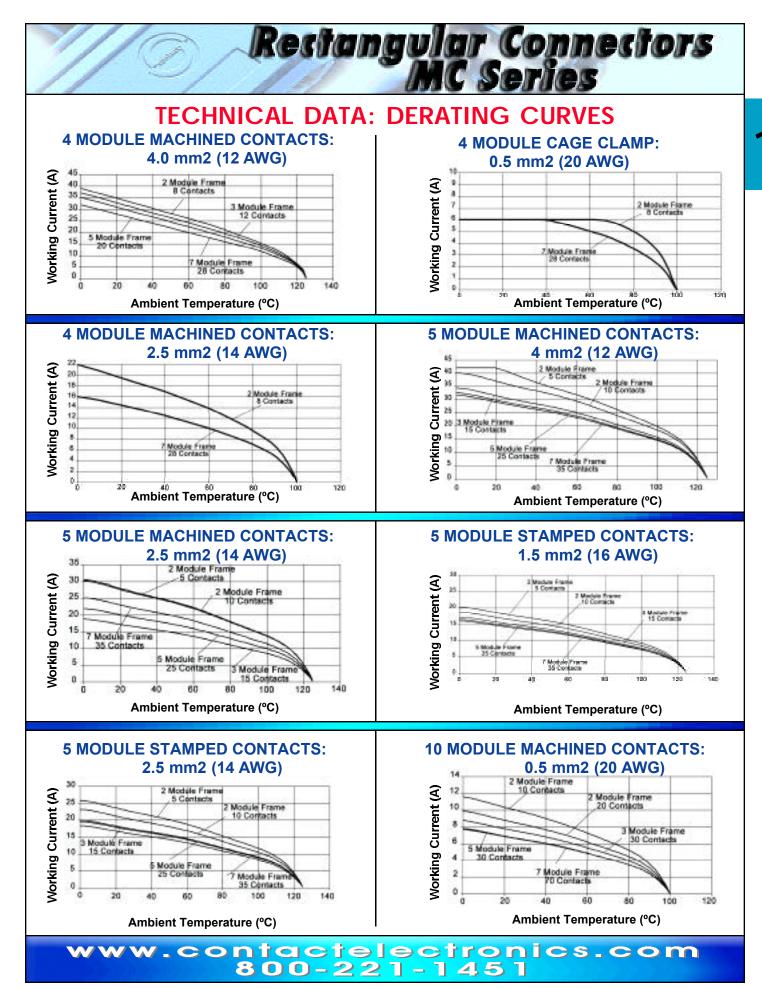


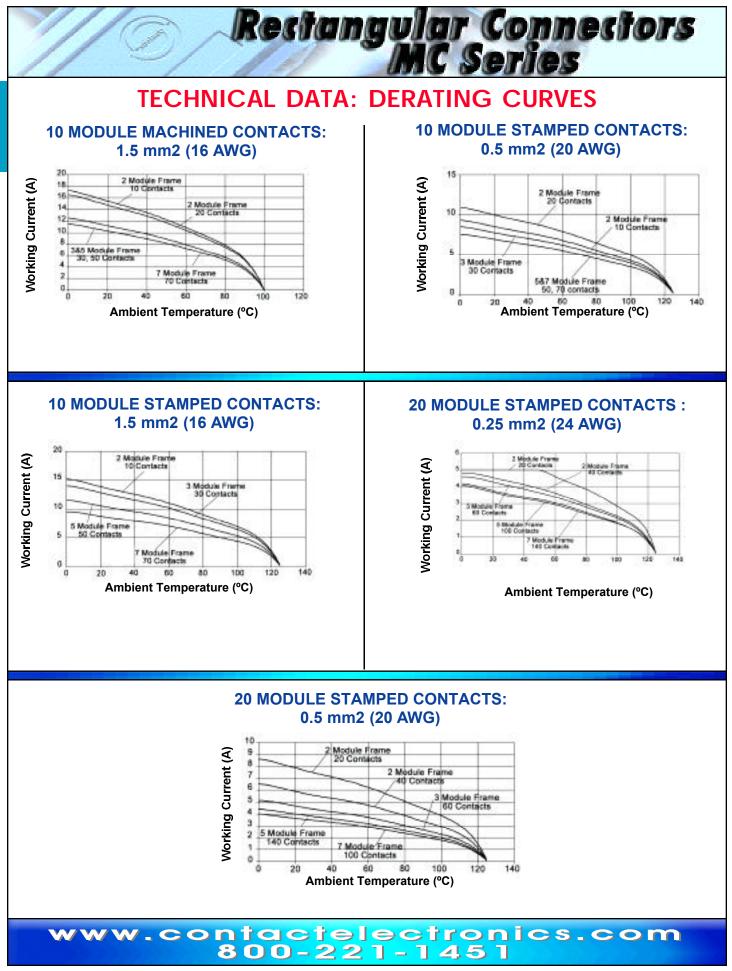
3 MODULE HIGH VOLTAGE MACHINED CONTACTS: 6 mm2 (10 AWG)



3 MODULE HIGH VOLTAGE MACHINED CONTACTS: 10 mm2 (8 AWG)







TECHNICAL DATA: HOUSINGS

Restangular Connectors MC Series

Specifications: Temperature Range: Protection class: Material: DIN 43652 -40°C to +125°C IP65 Aluminum alloy, powder coated

STANDARD GREY COATING (NEMA 4)

PG



METRIC



HBE 6-48: aluminum alloy, powder coated (grey), locking levers and bolts made of zinc plated steel.

For industrial applications in demanding environments.

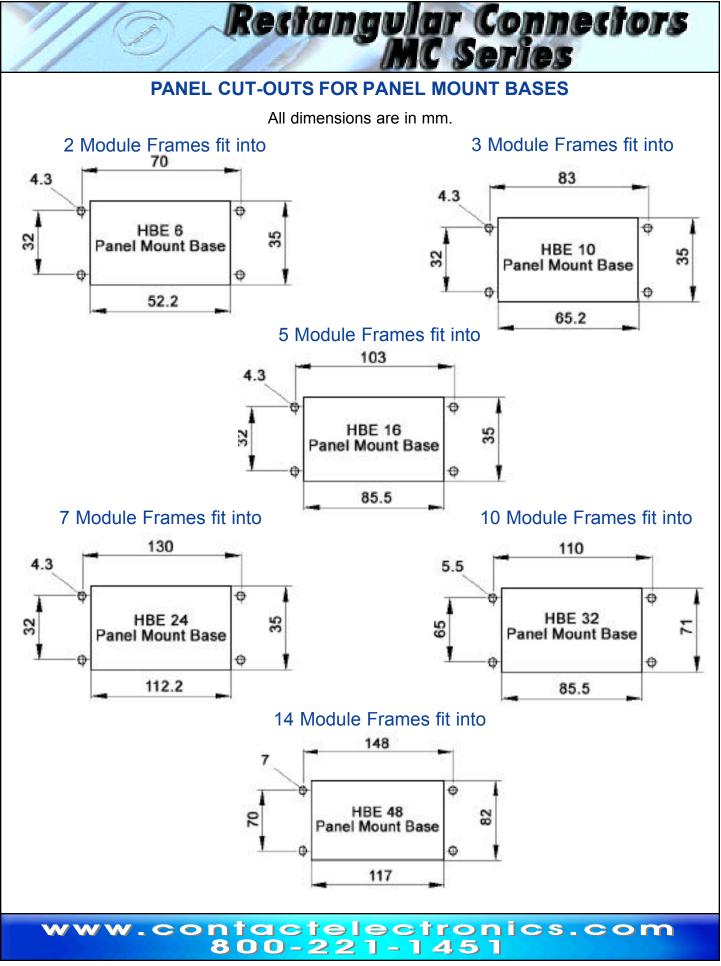
BLACK COATING (NEMA 4X)

PGNPTMETRICImage: Simple si

HBE 6 - 48 EP: Environmentally Protected: aluminum alloy, powder coated (black), locking levers and bolts made of stainless steel.

For industrial applications in extremely demanding environments with aggressive atmospheres.

NEMA 4X



EPIC MODULAR SYSTEM

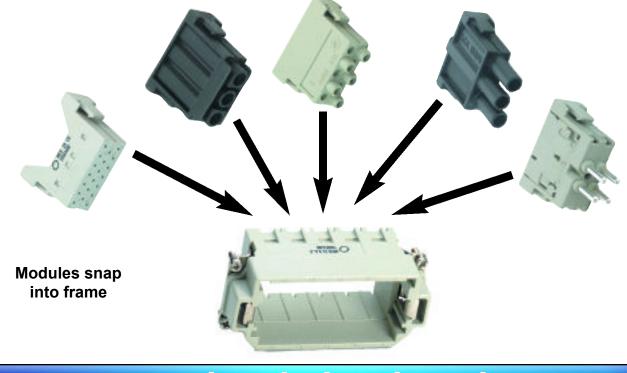
Restangular Connectors MC Series

CHOOSE YOUR MODULES

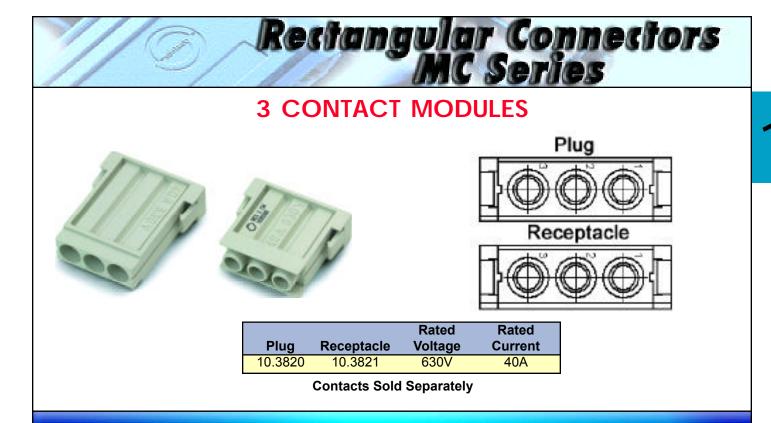
			Rated	Rated
Modules	Plug	Receptacle	Voltage	Current
3 Contact Coax Module	10.3992	10.3993	250V	100A
3 Contact Module	10.3820	10.3821	630V	40A
3 Contact High Voltage Module	10.3998	10.3999	1000V	50A
4 Contact Module	10.3990	10.3991	630V	25A
4+PE Contact High Voltage Module	10.3832	10.3833	1000V	16A
5 Contact Module	10.3822	10.3823	400V	20A
10 Contact Module: Stamped & Formed	10.3834	10.3835	250V	10A
10 Contact Module: Machine Crimp	10.3824	10.3825	250V	10A
20 Contact Module	10.3836	10.3837	100V	4A
Dummy Module	10.3994	10.3995	-	-
4 Contact Cage Clamp Module	10.3996	10.3997	400V	14A

CHOOSE YOUR FRAME BASED ON THE NUMBER OF MODULES

Frames	For Plugs	For Receptacles	Corresponding Housing
Frames for 2 modules	10.3810	10.3811	HBE 6 Series
Frames for 3 modules	10.3812	10.3813	HBE 10 Series
Frames for 5 modules	10.3814	10.3815	HBE 16 Series
Frames for 7 modules	10.3816	10.3817	HBE 24 Series
Frames for 10 modules	10.3814(2X)	10.3815(2X)	HBE 32 Series
Frames for 14 modules	10.3816(2X)	10.3817(2X)	HBE 48 Series



	Restang	ular Con MC Seria	nectors os
	3 CONTACT CO		Plug
	1		
	Rate Plug Receptacle Voltag 10.3992 10.3993 250V	je Sizes Impedan	
Cont	acts Sold Separately		 DIN 41612
	COAX CO	Bill Silver Pin Socket 11.2142 11.2192	Wire Gauge RG 58
	TOO WIRE GAUG		
- state			
Crimp Dies 11.14713	Crimp 1 11.147		Removal Tool: 11.1711
www.c	ontactele 800-221	ectronic -1451	s.com



MACHINED CONTACTS: DIAMETER 3.6MM



Bags of 20							
		Sil	Stripping				
mm2	AWG	Pin	Socket	Length			
1.5	16	11.2107	11.2157	10			
2.5	14	11.2106	11.2156	10			
4.0	12	11.2100	11.2150	10			
6.0	10	11.2101	11.2151	10			
10	8	11.2102	11.2152	10			

TOOLS WIRE GAUGE: 1.5 - 10MM2



Locator 11.147210



Crimp Dies 1.5 - 2.5: 11.147110 4.0 - 10: 11.147120





Crimp Tool 11.1470

Removal Tool: 11.1711

//0/	Rest	lang	wla MC	r Coi Seri	nnectors es
3 CONT	ACT HI	IGH V	OLTAG	SE MOD	OULES
	X	R			iug Deptacle
	Plug R	eceptacle	Rated Voltage	Rated Current	
	10.3998	10.3999	1000V	50A	
_	Co	ntacts Sold	Separately		-

MACHINED CONTACTS: DIAMETER 3.6MM



Bags of 20						
		Sil	Stripping			
mm2	AWG	Pin	Socket	Length		
1.5	16	11.2107	11.2157	10		
2.5	14	11.2106	11.2156	10		
4.0	12	11.2100	11.2150	10		
6.0	10	11.2101	11.2151	10		
10	8	11.2102	11.2152	10		

TOOLS WIRE GAUGE: 1.5 - 10MM2



Locator 11.147210



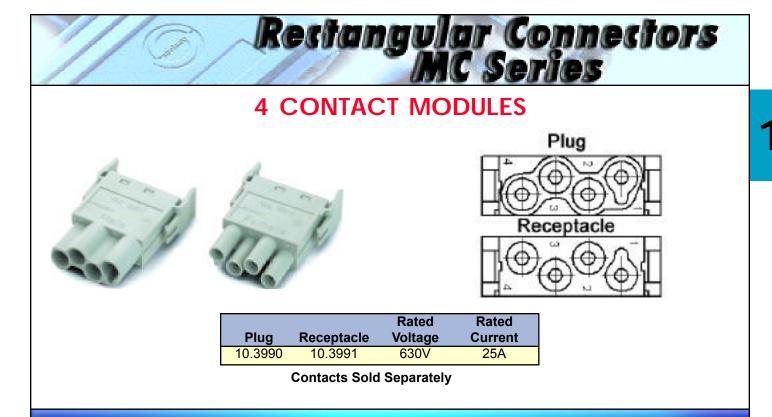
Crimp Dies 1.5 - 2.5: 11.147110 4.0 - 10: 11.147120





Crimp Tool 11.1470

Removal Tool: 11.1711



MACHINED CONTACTS: DIAMETER 2.5MM





Bags of 100								
		Silver		Gold		Stripping		
mm2	AWG	Pin	Socket	Pin	Socket	Length		
0.5	20	11.1900	11.1950	11.1920	11.1970	Pin=7.4, Socket =7.3		
0.75 - 1.0	18	11.1901	11.1951	11.1921	11.1971	Pin=7.4, Socket =7.3		
1.5	16	11.1902	11.1952	11.1922	11.1972	Pin=7.4, Socket =7.3		
2.5	14	11.1903	11.1953	-	-	Pin=7.4, Socket =7.3		
4.0	12	11.1904	11.1954	-	-	Pin=7.4, Socket =7.3		

TOOLS

WIRE GAUGE: 0.5 - 4.0 MM2



Locator 11.1472



Crimp Dies 11.1471



Crimp Tool 11.1470

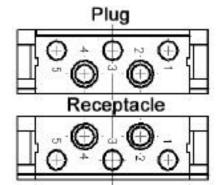
Removal Tool: 11.1825



5 CONTACT MODULES

Restangular Connectors MC Series





Plug	Receptacle	Rated Voltage	Rated Current
10.3822	10.3823	400V	20A

Contacts Sold Separately

MACHINED CONTACTS: DIAMETER 2.5MM



Bags of 100							
		Silv	Stripping				
mm2	AWG	Pin	Socket	Length			
0.5	20	11.2130	11.2180	7.8			
0.75 - 1.0	18	11.2131	11.2181	7.8			
1.5	16	11.2132	11.2182	7.8			
2.5	14	11.2133	11.2183	7.8			
4.0	12	11.213400	11.2184	7.8			

Gold Contacts available upon request.

TOOLS WIRE GAUGE: 0.5 - 4.0 MM2



Locator 11.1472



Crimp Dies 11.1471





Crimp Tool 11.1470 **Removal Tool:** 11.1710

www.contactelectronics.com 800-221-1451

	$\partial / $	Rest	angı I	lar NC S	Conn eries	esto ;) 		
	10 CONTACT MODULES								
		10.3834 1	ceptacle V	oltage Cu 250V 1	Plug				
STAMP	ED & FO	RMFD (CONTA	CTS: D	IAMETE	R 1 6N	/11//		
	Silv	Bags o	of 100 Go	Id	Reels Silv		Stripping		
mm2 AWG	Pin	Socket	Pin	Socket	Pin	Socket	Length		
0.145 26 - 2 0.5 - 1.5 16 - 2 1.5 - 2.5 16 - 1	11.2210	11.2311 11.2361 11.2285	11.2431 11.2213 -	11.2331 11.2381 -	11.2407 11.2207 11.2230	11.2307 11.2357 11.2280	2.5 - 0.5 3.5 - 0.5 3.5 - 0.5		
TOOLS WIRE GAUGE: 0.14 - 2.5 MM2 Crimp Tool Crimp Tool Crimp Tool									
-		WIRE GA	UGE: 0.14	- 2.5 MM	2	1 de la			
Crimp Tool 11.1470		WIRE GA		- 2.5 MM Removal To 11.1610	ool: Ci	rimp Tool f 11.153			
-	Crir 0.14-0.5: 0.5-1.5: 1.5-2.5:	Locator	C 70 0.1 30 0.5	Removal To 11.1610 rimp Dies fo 14-0.5: 1 5-1.5: 1	ool: Ci	•			

Restangular Connectors MC Series **10 CONTACT MODULES** Plug Receptacle Rated Rated Voltage Current Plug Receptacle 250V 10.3824 10.3825 10 A **Contacts Sold Separately** MACHINED CONTACTS: DIAMETER 1.6MM Bags of 100

		Silver				Gold	
mm2	AWG	Pin	Socket	Stripping Length	Pin	Socket	Stripping Length
0.1437	26 - 20	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

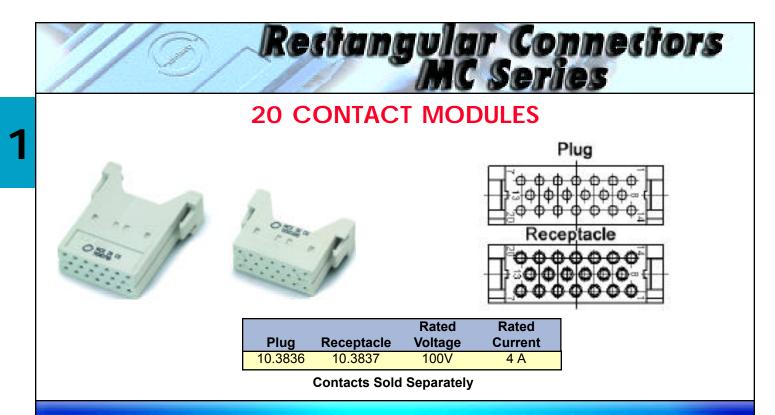




Crimp Tool 11.1470

Removal Tool: 11.1610

www.contactelectronics.com 800<u>-221-1451</u>



STAMPED & FORMED CONTACTS: DIAMETER 1.6MM



	Reel of 300										
Gold Stripping											
mm2	AWG	Pin	Socket	Length							
.08 - 0.2	28 - 26	11.3025	11.3027	2.5 - 0.5							
0.252	26 - 20	11.3026	11.3028	2.5 - 0.5							

Reel feeds from the left

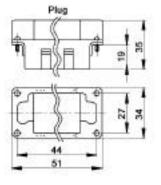
* This conversion to AWG is approximate.

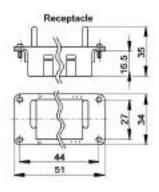


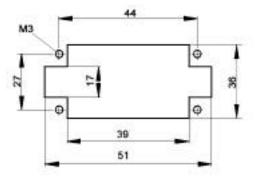
Restangular Connectors MC Series **DUMMY MODULES: 0 CONTACTS** Plug Receptacle 10.3994 10.3995 CAGE CLAMP MODULES: 4 CONTACTS Plug Receptacle Rated Rated Wire Plug Receptacle Voltage Current Gauge 10.3997 400V 14 A Single Wire: 10.3996 4.0 mm2 Fine Wire: 2.5 mm2

Restangular Connectors MC Series 2 MODULE FRAME









All dimensions are in mm.

These frames hold	
two modules.	

 Plug
 Receptacle

 10.3810
 10.3811

These frames fit in the HBE 6 Series Housings which are on the following pages.

MODULE REMOVAL TOOL

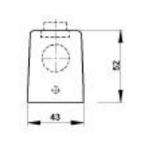


Removal Tool: 11.1712

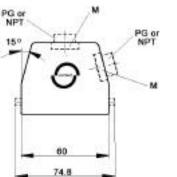
HBE 6 HOODS WITH SINGLE LEVER BOLTS

TOP ENTRY





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Restangular Connectors MC Series

SIDE ENTRY



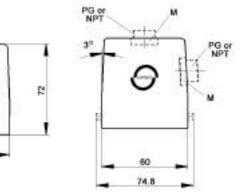
All dimensions are in mm.

Position of	Siz	e of l	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Cable Entry	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	10.0110	10.0110NP	19.0110	70.0216	70.0216NP	79.0216	
	16	1/2"	25	10.0210	10.0210NP	19.0210	70.0210	70.0210NP	79.0210	
Side Entry	13.5	1/2"	20	10.0120	10.0120NP	19.0120	70.0236	70.0236NP	79.0236	
	16	1/2"	25	10.0220	10.0220NP	19.0220	70.0230	70.0230NP	79.0230	Õ 🗖 Ă
				Metric I	noods do not	come with a	a neck.			

HBE 6 HIGH PROFILE HOODS WITH SINGLE LEVER BOLTS

TOP ENTRY





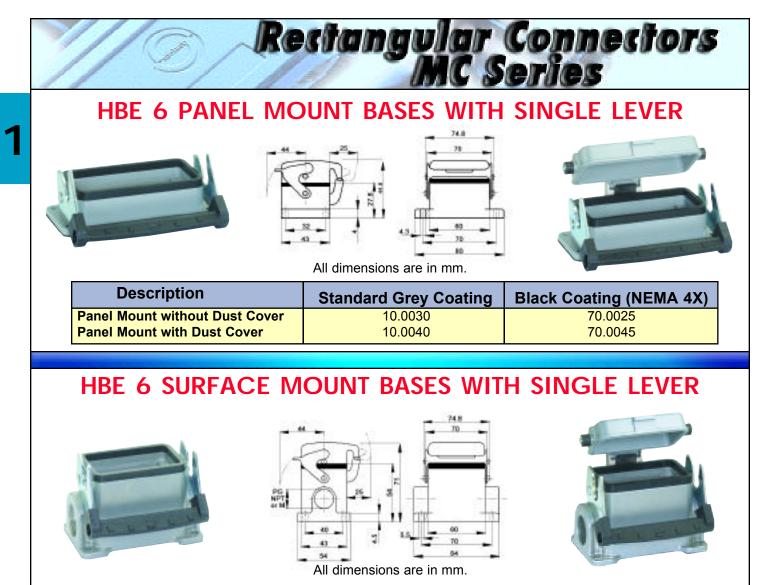
SIDE ENTRY



All dimensions are in mm.

Position of	Siz	e of I	Entry	Standa	ard Grey C	oating	Black Coating (NEMA 4X)			Strain
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relief
Top Entry	21	3/4"	25	70.0202	70.0202NP	79.0202	70.0212	70.0212NP	79.0212	
	29	1"	32	70.0204	70.0204NP	79.0204	70.0214	70.0214NP		lă 🗖 🛣
Side Entry	21	3/4"	25	70.0222	70.0222NP	79.0222	70.0232	70.0232NP	79.0232	
	29	1"	32	70.0224	70.0224NP	79.0224	70.0234	70.0234NP	79.0234	Ŏ 🗖 Ă

Metric hoods do not come with a neck.

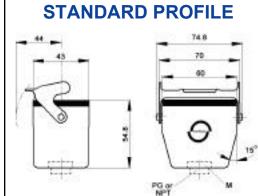


# of	Siz	e of I	Entry	Stand	ard Grey C	oating	Black Coating (NEMA 4X)			Strain Relief
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	16	1/2"	20 25	10.0060	10.0060NP	19.0060 79.0066	70.0080	70.0080NP	79.0080 79.0086	
1 Entry	16	1/2"	20 25	10.0050	10.0050NP	19.0050 79.0056	70.0070	70.0070NP	79.0070 79.0076	
2 Entries with dust cover	16	1/2"	20 25	10.0090	10.0090NP	19.0090 79.0166	70.0180	70.0180NP	79.0180 79.0186	
1 Entry with dust cover	16	1/2"	20 25	10.0070	10.0070NP	19.0070 79.0156	70.0170	70.0170NP	79.0170 79.0176	

	EMC PROTEC	Rectangular Connectors		
TE		PG/NPT	Metric	
S	Panel Mount Base Surface Mount & Cable Coupler Hood		79.3500 79.3520	
Entre C	EMC Shielding is retrofit	table.		Pressoncy P(Mrbs)
www.	contactelec 800-221-			s.com

Restangular Connectors MC Series HBE 6 HIGH PROFILE SURFACE MOUNT BASES WITH SINGLE LEVER												
Image: selection of the												
-				-						Cturin		
# of	Siz	te of I	Entry	Standa	All dimension			Coating (NE	EMA 4X)	Strain		
# of Entries			-	PG	ard Grey C	oating Metric	Black C	NPT	Metric	Strain Relief PG NPT		
	Siz PG 21	e of I <u>NPT</u> 3/4"	Entry Metric 25	PG	ard Grey C	oating	Black C			Relief		
Entries	PG	NPT	Metric	PG Part #	ard Grey C NPT Part #	oating Metric Part #	Black C PG Part #	NPT Part #	Metric Part #	Relief		
Entries	PG 21	NPT 3/4"	Metric 25	PG Part # 70.0062	ard Grey C NPT Part # 70.0062NP	oating Metric Part # 79.0062	Black C PG Part # 70.0082	NPT Part # 70.0082NP	Metric Part # 79.0082	Relief		
Entries 2 Entries	PG 21 29	NPT 3/4" 1"	Metric 25 32	PG Part # 70.0062 70.0064	ard Grey C NPT Part # 70.0062NP 70.0064NP	oating Metric Part # 79.0062 79.0064	Black C PG Part # 70.0082 70.0084	NPT Part # 70.0082NP 70.0084NP	Metric Part # 79.0082 79.0084	Relief		
Entries Entries Entry	PG 21 29 21	NPT 3/4" 1" 3/4"	Metric 25 32 25	PG Part # 70.0062 70.0064 70.0052	ard Grey C NPT Part # 70.0062NP 70.0064NP 70.0052NP	Oating Metric Part # 79.0062 79.0064 79.0052	Black C PG Part # 70.0082 70.0084 70.0072	NPT Part # 70.0082NP 70.0084NP 70.0072NP	Metric Part # 79.0082 79.0084 79.0072	Relief		
Entries 2 Entries 1 Entry 2 Entries with	PG 21 29 21 29	NPT 3/4" 1" 3/4" 1"	Metric 25 32 25 32 32	PG Part # 70.0062 70.0064 70.0052 70.0054	ard Grey C NPT Part # 70.0062NP 70.0064NP 70.0052NP 70.0054NP	Oating Metric Part # 79.0062 79.0064 79.0052 79.0054	Black C PG Part # 70.0082 70.0084 70.0072 70.0074	NPT Part # 70.0082NP 70.0084NP 70.0072NP 70.0074NP	Metric Part # 79.0082 79.0084 79.0072 79.0074	Relief		
Entries 2 Entries	PG 21 29 21 29 21 29	NPT 3/4" 1" 3/4" 1" 3/4"	Metric 25 32 25 32 25 32 25	PG Part # 70.0062 70.0054 70.0052 70.0054 70.0162	ard Grey C NPT Part # 70.0062NP 70.0064NP 70.0052NP 70.0054NP 70.0054NP	Oating Metric Part # 79.0062 79.0064 79.0052 79.0054 79.0162	Black C PG Part # 70.0082 70.0084 70.0072 70.0074 70.0182	NPT Part # 70.0082NP 70.0084NP 70.0072NP 70.0074NP 70.0182NP	Metric Part # 79.0082 79.0084 79.0072 79.0074 79.0182	Relief		

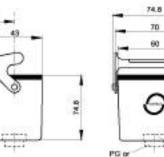
HBE 6 CABLE COUPLER HOOD WITH SINGLE LEVER





All dimensions are in mm.

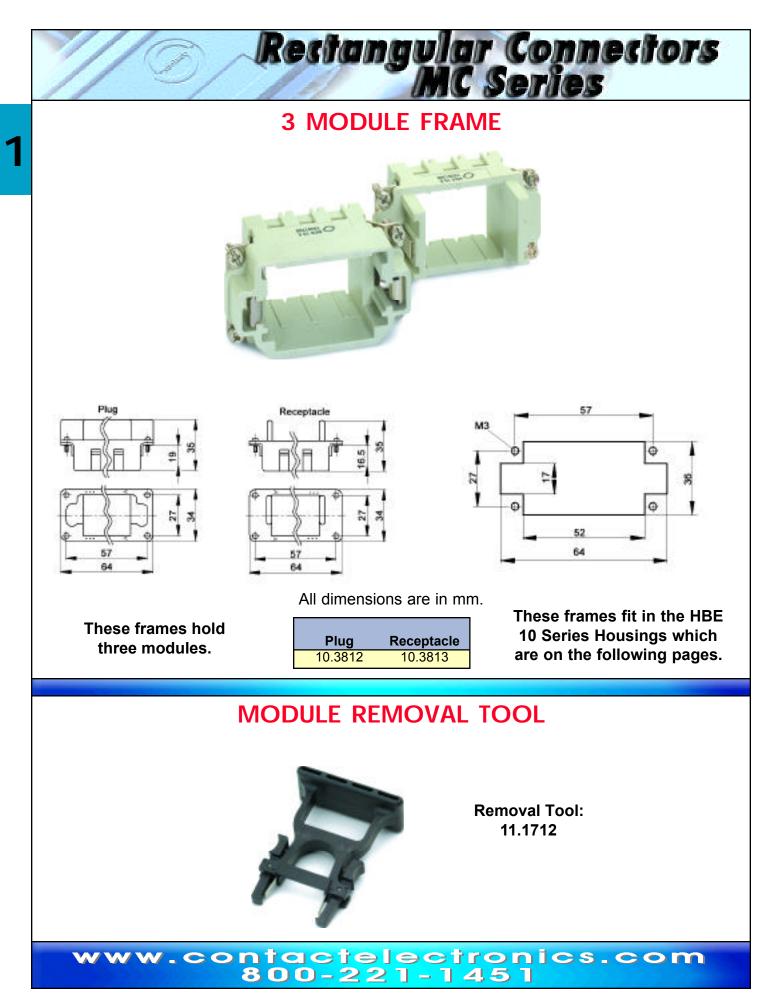
HIGH PROFILE





Desfle	Siz	e of l	Entry	Standa	ard Grey C	oating	Black C	Strain		
Profile	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relief
Standard	13.5	1/2"	20	10.0140	10.0140NP	19.0140	-	-		
Profile	16	1/2"	25	10.0240	10.0240NP	19.0240	70.0110	70.0110NP	79.0116	Ŏ 🗖 Ă
High	21	3/4"	25	70.0102	70.0102NP	79.0102	70.0112	70.0112NP	79.0112	
Profile	29	1"	32	70.0104	70.0104NP	79.0104	70.0114	70.0114NP	79.0114	

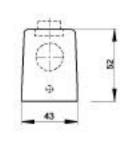
Metric hoods do not come with a neck.

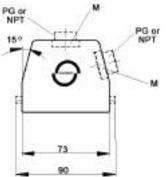


HBE 10 HOODS WITH SINGLE LEVER BOLTS

TOP ENTRY







Restangular Connectors MC Series



SIDE ENTRY

All dimensions are in mm.

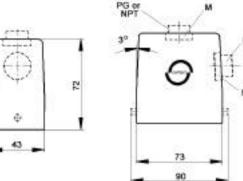
Position of	Siz	e of	Entry	Standa	ard Grey C	oating	Black Coating (NEMA 4X)			Strain Relief
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	16	1/2"	20	10.0409	10.0409NP	19.0409	70.0490	70.0490NP	79.0490	0 🗆 🔺
	21	3/4"	25	10.0407	10.0407NP	19.0407	70.0496	70.0496NP	79.0496	
Side Entry	16	1/2"	20	10.0429	10.0429NP	19.0429	70.0590	70.0590NP	79.0590	
	21	3/4"	25	10.0428	10.0428NP	19.0428	70.0596	70.0596NP	79.0596	Ŏ 🗖 🛆

Metric hoods do not come with a neck.

HBE 10 HIGH PROFILE HOODS WITH SINGLE LEVER BOLTS

TOP ENTRY





SIDE ENTRY



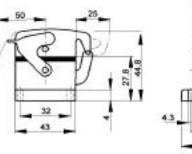
All dimensions are in mm.

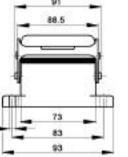
Position of	Siz	e of l	Entry	Standa	ard Grey C	oating	Black Coating (NEMA 4X)			Strain Relief
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	21	3/4"	25	70.0442	70.0442NP	79.0442	70.0492	70.0492NP	79.0492	
	29	1"	32	70.0444	70.0444NP	79.0444	70.0494	70.0494NP	79.0494	
Side Entry	21	3/4"	25	70.0542	70.0542NP	79.0542	70.0592	70.0592NP	79.0592	
	29	1"	32	70.0544	70.0544NP	79.0544	70.0594	70.0594NP	79.0594	

Metric hoods do not come with a neck.

HBE 10 PANEL MOUNT BASES WITH SINGLE LEVER







Restangular Connectors MC Series

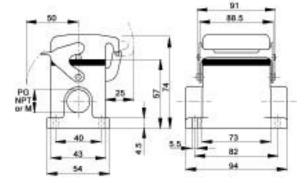


All dimensions are in mm.

Description	Standard Grey Coating	Black Coating (NEMA 4X)
Panel Mount without Dust Cover	10.0329	70.0327
Panel Mount with Dust Cover	10.0339	70.0337

HBE 10 SURFACE MOUNT BASES WITH SINGLE LEVER





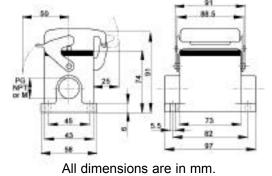


All dimensions are in mm.

# of	Siz	e of E	Entry	Stand	ard Grey C	oating	Black Coating (NEMA 4X)			Strain Relief
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	16	1/2"	20 25	10.0359 -	10.0359NP -	19.0359 79.0616	70.0630 -	70.0630NP -	79.0630 79.0636	
1 Entry	16 21	1/2" 3/4"	20 25	10.0349 10.0347	10.0349NP 10.0347NP	19.0349 19.0347	70.0620 -	70.0620NP -	79.0620 79.0626	
2 Entries with dust cover	16	1/2"	20 25	10.0389 -	10.0389NP -	19.0389 79.0656	70.0670 -	70.0670NP -	79.0670 79.0676	
1 Entry with dust cover	16	1/2"	20 25	10.0369 -	10.0369NP -	19.0369 79.0646	70.0660 -	70.0660NP -	79.0660 79.0666	

Restangular Connectors MC Series HBE 10 HIGH PROFILE SURFACE MOUNT BASES WITH SINGLE LEVER

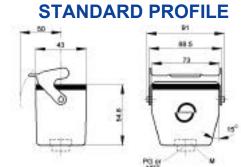






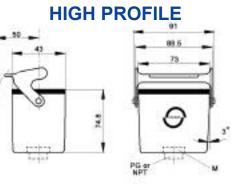
# of	Siz	e of E	Entry	Standa	ard Grey C	oating	Black C	Strain Relief			
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT	
2 Entries	21	3/4"	25	70.0612	70.0612NP	79.0612	70.0632	70.0632NP	79.0632		
	29	1"	32	70.0614	70.0614NP	79.0614	70.0634	70.0634NP	79.0634		
1 Entry	21	3/4"	25	70.0602	70.0602NP	79.0602	70.0622	70.0622NP	79.0622		
	29	1"	32	70.0604	70.0604NP	79.0604	70.0624	70.0624NP	79.0624		
2 Entries with	21	3/4"	25	70.0652	70.0652NP	79.0652	70.0672	70.0672NP	79.0672		
dust cover	29	1"	32	70.0654	70.0654NP	79.0654	70.0674	70.0674NP	79.0674		
1 Entry with	21	3/4"	25	70.0642	70.0642NP	79.0642	70.0662	70.0662NP	79.0662		
dust cover	29	1"	32	70.0644	70.0644NP	79.0644	70.0664	70.0664NP	79.0664	Ŏ 🗖	

HBE 10 CABLE COUPLER HOOD WITH SINGLE LEVER





All dimensions are in mm.



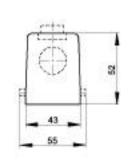
DesCla	Siz	e of I	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain	
Profile	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relief	
Oterrelevel									1 41 6 //		
Standard	16	1/2"	20	10.0469	10.0469NP	19.0469	70.0430	70.0430NP	79.0430		
Profile	21	3/4"	25	70.0422	70.0422NP	79.0422	70.0432	70.0432NP	79.0432		Δ
High	21	3/4"	25	70.0424	70.0424NP	79.0424	70.0434	70.0434NP	79.0434		\mathbf{A}
Profile	29	1"	32	70.0426	70.0426NP	79.0426	70.0436	70.0436NP	79.0436	Ŏ 🗖 🛛	$\overline{\Delta}$

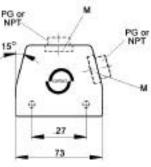
Metric hoods do not come with a neck.

HBE 10 HOODS WITH DOUBLE LEVER BOLTS

TOP ENTRY







Restangular Connectors MC Series



SIDE ENTRY

All dimensions are in mm.

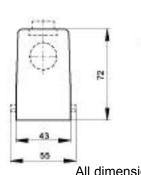
Position of	Siz	e of	Entry	Standa	ard Grey C	oating	Black C	Strain Relief		
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	16	1/2"	20	10.0400	10.0400NP	19.0400	70.0510	70.0510NP	79.0510	
	21	3/4"	25	10.0401	10.0401NP	19.0401	70.0512	70.0512NP	79.0512	
Side Entry	16	1/2"	20	10.0420	10.0420NP	19.0420	70.0530	70.0530NP	79.0530	
	21	3/4"	25	10.0421	10.0421NP	19.0421	70.0532	70.0532NP	79.0532	

Metric hoods do not come with a neck.

HBE 10 HIGH PROFILE HOODS WITH DOUBLE LEVER BOLTS SIDE ENTRY

TOP ENTRY





All dimensions are in mm.



Position of	Siz	e of I	Entry	Stand	ard Grey C	oating	Black C	Strain Relief			
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT	
Top Entry	21	3/4"	25	70.0504	70.0504NP	79.0504	70.0514	70.0514NP	79.0514		$\overline{\Delta}$
	29	1"	32	70.0506	70.0506NP	79.0506	70.0516	70.0516NP	79.0516	Ŏ 🗖	$\overline{\Delta}$
Side Entry	21	3/4"	25	70.0524	70.0524NP	79.0524	70.0534	70.0534NP	79.0534		$\overline{\Delta}$
	29	1"	32	70.0526	70.0526NP	79.0526	70.0536	70.0536NP	79.0536	Ŏ 🗖	$\overline{\Delta}$

Metric hoods do not come with a neck.

	0/	Restan	gula M	ir C Se	onni ries	ecto	15
HBE	10 PANEL	MOUNT BA	SES W	ITH D	OUBLE	LEVE	RS
	200		55 53 32 43	82.62	116 27 3 3 3 3 3 3		
			All c	limensions	are in mm.	-	
	Description	Standard	Grey Coat	ng B	lack Coatir		4 4X)
Panel	Mount without Dust	Cover 10	0.0320		70.	0325	
HBE 1	Size of Entry PG NPT Metric 16 1/2" 20 25 16 1/2" 20	E MOUNT E Standard Grey C PG PG PArt # 10.0350 10.0340	A Coating Metric Part # 9 19.0350 19.0351	l dimension	s are in mm.		Strain Relief PG NPT M
	25		19.0340	-	- -	79.0376	
	8	Mount & Cable Couple EMC Shielding is	r Hood 70. r Hood 70. s retrofittab	/NPT Met 3501 79.3 3521 79.3 le.	501 521	Rectangular C	, ¹⁰
WW	W.cor	ntacte 800-22 2	1 <u>ect</u> 1 - 1 87	ron 451	ICS.	CO	nín

Restangung Connectors HBE 10 HIGH PROFILE SURFACE MOUNT BASES WITH DOUBLE LEVERS All dimensions are in mm. # of Size of Entry Standard Grey Coating Black Coating (NEMA 4X) Strain Relief PG NPT Metric PG NPT Metric

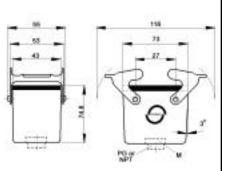
# of	Siz	e of l	Entry	Stand	ard Grey C	oating	Black C	coating (NE	MA 4X)	- Reli	
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NP	
2 Entries	21	3/4"	25	70.0362	70.0362NP	79.0362	70.0382	70.0382NP	79.0382		$ \Delta$
	29	1"	32	70.0364	70.0364NP	79.0364	70.0384	70.0384NP	79.0384		
1 Entry	21	3/4"	25	70.0352	70.0352NP	79.0352	70.0372	70.0372NP	79.0372		\Box
	29	1"	32	70.0354	70.0354NP	79.0354	70.0374	70.0374NP	79.0374		

HBE 10 CABLE COUPLER HOOD WITH DOUBLE LEVER

STANDARD PROFILE



HIGH PROFILE

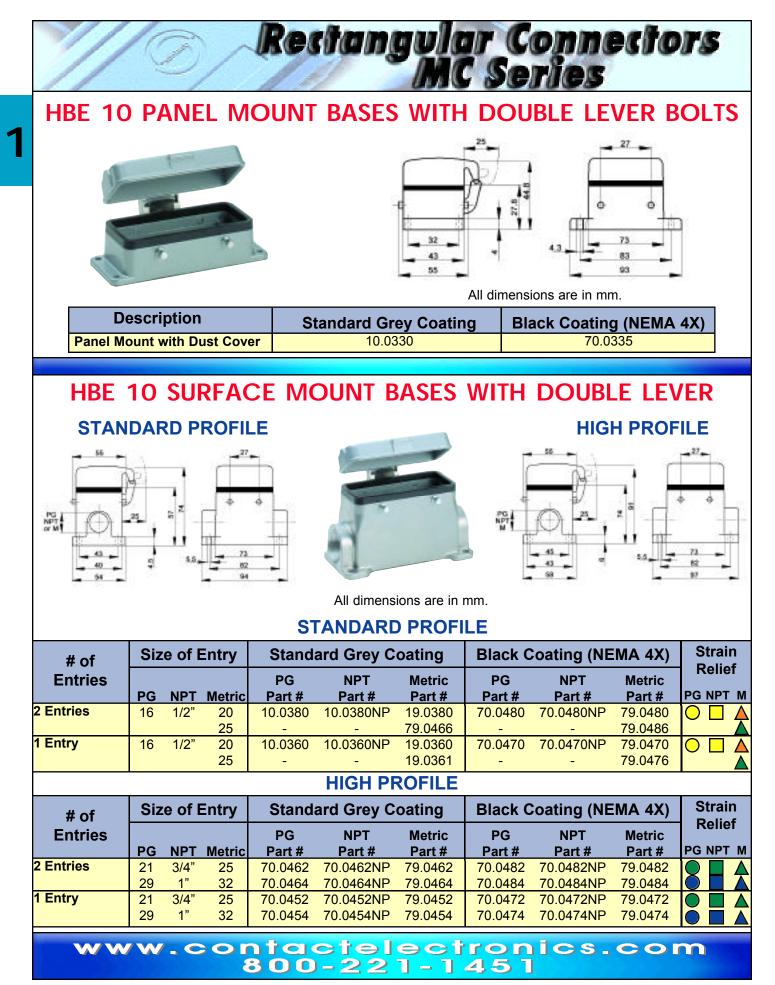


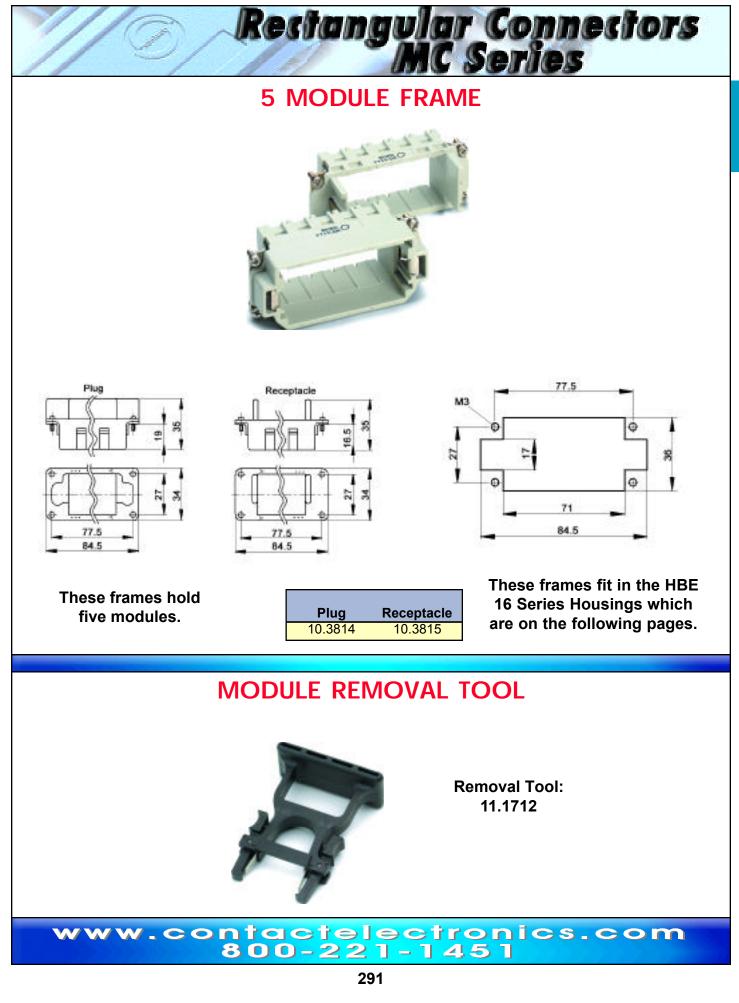
All dimensions are in mm.

	Siz	e of I	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain
Profile	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relief PG NPT M
Otenalend										
Standard	16	1/2"	20	10.0460	10.0460NP	19.0460	70.0410	70.0410NP	79.0410	
Profile	21	3/4"	25	70.0402	70.0402NP	79.0402	70.0412	70.0412NP	79.0412	
High	21	3/4"	25	70.0404	70.0404NP	79.0404	70.0414	70.0414NP	79.0414	
Profile	29	1"	32	70.0406	70.0406NP	79.0406	70.0416	70.0416NP	79.0416	ŏ I Ā

Metric hoods do not come with a neck.

//	10	D	1	Rea	stang	gula M	ir C Se	onn ries	ecto	T 5		
	I	HBE	E 10	HOO	DS WI	rh do	UBLE	LEVERS	S			
ТОР	ENT	RY		cta.	() 5	PG or NPT	M PG or	SID	DE ENTR	RY		
Size of Entry Strain												
Position of	Siz	e of E	Entry	Stand	ard Grev C	oating	Black C	oating (NE	MA 4X)			
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	, Metric Part #	Relief PG NPT M		
Top Entry	16	1/2"	20 25	10.0410	10.0410NP	19.0410 79.0557	70.0560	70.0560NP	79.0560 79.0566			
Side Entry	16	1/2"	20 25	10.0450 -	10.0450NP -	19.0450 79.0577	70.0580	70.0580NP -	79.0580 79.0586			
				Metric	hoods do not	come with	a neck					
HBE	10	HIC	GH F		hoods do not			OUBLE	E LEVE	RS		
	10 • EN		GH F						E LEVE			
			GH F									
	P EN	TRY	GH F		LE HOO	DDS V	VITH C	SI		RY		
TOP	Siz	E of E	Entry	PROFI	LE HOO	DDS V Poor Poor Poor Poor Poor Poor Poor Poo	VITH C	SII	DE ENT	RY		
TOP	PEN Siz	E of E	Entry Metric 25	PROFI	LE HOC	DDS V Performed	VITH C	SII	DE ENT	RY		
TOP	Siz	E of E	Entry Metric	PROFI	LE HOO	DDS V Poor Poor Poor Poor Poor Poor Poor Poo	/ITH C	SII	DE ENT	RY		
TOP	Siz 21 29 21	E of E <u>NPT</u> 3/4" 3/4"	Entry Metric 25 32 25	PROFI	LE HOC	DDS V Performance	/ITH C /ITH /	SII Coating (NE NPT Part # 70.0562NP 70.0564NP 70.0582NP	DE ENT	RY		





HBE 16 HOODS WITH SINGLE LEVER BOLTS

Restangular Connectors MC Series

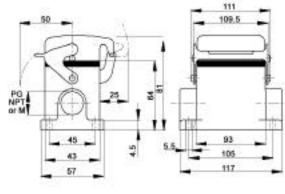
			0 11	OODS							
ТОР	ENT	RY	10	<u></u>	PG NI			S OF PT	DE ENT	RY	
Al dimensions are in mm.											
Position of	Siz	e of E	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relief PG NPT M	
Top Entry	21	3/4"	25	10.0809	10.0809NP	19.0809	70.0990	70.0990NP	79.0990		
Side Entry	29 21	<u>1"</u> 3/4"	32 25	10.0909 10.0829	10.0909NP 10.0829NP	19.0909 19.0829	- 70.1090	- 70.1090NP	- 79.1090		
	29	3/ 4 1"	32	10.0929	10.0929NP	19.0929	-	- -	-		
				Metric	hoods do not	come with	a neck.				
HBE 16 HIGH PROFILE HOODS WITH SINGLE LEVER BOLTS SIDE ENTRY FG # I I I I I I I I I I I I I I I I I I I											
	9			- 43 -	2	- 93.3 110			0		
	Ci-	o of I	Entry	All	dimensions ar	tio re in mm.	Black			Strain	
Position of	Siz	e of E	Entry	All	ard Grey C	re in mm. oating		Coating (NE		Strain Relief	
Position of Cable Entry	Siz	e of E	Entry Metric	All		tio re in mm.	Black C PG Part #	coating (NE NPT Part #	MA 4X) Metric Part #		
	PG 21	NPT 3/4"	Metric 25	All 6 Standa PG Part # 70.0942	ard Grey C NPT Part # 70.0942NP	re in mm. oating Metric Part # 79.0942	PG Part # 70.0992	NPT Part # 70.0992NP	Metric Part # 79.0992	Relief	
Cable Entry	PG 21 29	NPT 3/4" 1"	Metric 25 32	All o Standa PG Part # 70.0942 70.0944	ard Grey C NPT Part # 70.0942NP 70.0944NP	re in mm. oating Metric Part # 79.0942 79.0944	PG Part # 70.0992 70.0994	NPT Part # 70.0992NP 70.0994NP	Metric Part # 79.0992 79.0994	Relief	
Cable Entry	PG 21	NPT 3/4"	Metric 25	All 6 Standa PG Part # 70.0942	ard Grey C NPT Part # 70.0942NP	re in mm. oating Metric Part # 79.0942	PG Part # 70.0992	NPT Part # 70.0992NP	Metric Part # 79.0992	Relief	
Cable Entry	PG 21 29 21	NPT 3/4" 1" 3/4"	Metric 25 32 25	All of Standa PG Part # 70.0942 70.0944 70.1042 70.1044	ard Grey C NPT Part # 70.0942NP 70.0944NP 70.1042NP	re in mm. oating Metric Part # 79.0942 79.0944 79.1042 79.1044	PG Part # 70.0992 70.0994 70.1092 70.1094	NPT Part # 70.0992NP 70.0994NP 70.1092NP	Metric Part # 79.0992 79.0994 79.1092	Relief	

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Description	Standard Grey Coating	Black Coating (NEMA 4X)
Panel mount without dust cover	10.0729	70.0827
Panel mount with dust cover	10.0739	70.0837

HBE 16 SURFACE MOUNT BASES WITH SINGLE LEVER







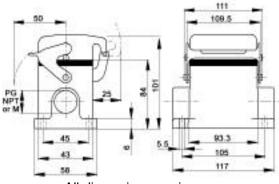
All dimensions are in mm.

# of	Siz	e of I	Entry	Standa	ard Grey C	oating	Black C	Strain Relief		
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	21	3/4"	25	10.0759	10.0759NP	19.0759	70.1130	70.1130NP	79.1130	
1 Entry	21	3/4"	25	10.0749	10.0749NP	19.0749	70.1120	70.1120NP	79.1120	
2 Entries with dust cover	21	3/4"	25	10.0789	10.0789NP	19.0789	70.1170	70.1170NP	79.1170	
1 Entry with dust cover	21	3/4"	25	10.0769	10.0769NP	19.0769	70.1160	70.1160NP	79.1160	

HBE 16 HIGH PROFILE SURFACE MOUNT BASES WITH SINGLE LEVER

Restangular Connectors MC Series



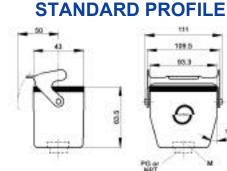




All dimensions are in mm.

# of	Siz	e of E	Entry	Standard Grey Coating			Black C	Strain Relief		
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	21	3/4"	25	70.1112	70.1112NP	79.1112	70.1132	70.1132NP	79.1132	
	29	1"	32	70.1114	70.1114NP	79.1114	70.1134	70.1134NP	79.1134	
1 Entry	21	3/4"	25	70.1102	70.1102NP	79.1102	70.1122	70.1122NP	79.1122	
	29	1"	32	70.1104	70.1104NP	79.1104	70.1124	70.1124NP	79.1124	
2 Entries with	21	3/4"	25	70.1152	70.1152NP	79.1152	70.1172	70.1172NP	79.1172	
dust cover	29	1"	32	70.1154	70.1154NP	79.1154	70.1174	70.1174NP	79.1174	
1 Entry with	21	3/4"	25	70.1142	70.1142NP	79.1142	70.1162	70.1162NP	79.1162	
dust cover	29	1"	32	70.1144	70.1144NP	79.1144	70.1164	70.1164NP	79.1164	

HBE 16 CABLE COUPLER HOODS WITH SINGLE LEVER

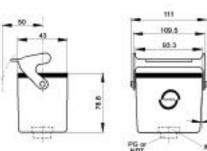


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All dimensions are in mm.

HIGH PROFILE



Size of Entry		Standard Grey Coating			Black Coating (NEMA 4X)			Strain	
			PG	NPT	Metric	PG	NPT	Metric	Relief
PG	NPT	Metric	Part #	Part #	Part #	Part #	Part #	Part #	PG NPT M
21	3/4"	25	10.0869	10.0869NP	19.0869	70.0930	70.0930NP	79.0930	
29	1"	32	10.0969	10.0969NP	19.0969	70.0969	70.0969NP	79.0969	
21	3/4"	25	70.0922	70.0922NP	79.0922	70.0932	70.0932NP	79.0932	
29	1"	32	70.0924	70.0924NP	79.0924	70.0934	70.0934NP	79.0934	Ŏ 🗖 Ă
	PG 21 29 21	PG NPT 21 3/4" 29 1" 21 3/4"	PG NPT Metric 21 3/4" 25 29 1" 32 21 3/4" 25	PG PG P1 Metric PG 21 3/4" 25 10.0869 29 1" 32 10.0969 21 3/4" 25 70.0922	PG NPT Metric PG NPT 21 3/4" 25 10.0869 10.0869NP 29 1" 32 10.0969 10.0969NP 21 3/4" 25 70.0922 70.0922NP	PG NPT Metric PArt # Part # Part # 21 3/4" 25 10.0869 10.0869NP 19.0869 29 1" 32 10.0969 10.0969NP 19.0969 21 3/4" 25 70.0922 70.0922NP 79.0922	PG NPT Metric PG PG NPT Metric PG P3 3/4" 25 10.0869 10.0869NP 19.0869 70.0930 29 1" 32 10.0969 10.0969NP 19.0969 70.0930 21 3/4" 25 70.0922 70.0922NP 79.0922 70.0932	PG NPT Metric PG NPT PG NPT Part # Part # Part # Part # Part # 21 3/4" 25 10.0869 10.0869NP 19.0869 70.0930 70.0930NP 29 1" 32 10.0969 10.0969NP 19.0969 70.0930 70.0930NP 21 3/4" 25 70.0922 70.0922NP 79.0922 70.0932 70.0932NP	PG NPT Metric PG NPT Part # PG Part # Part # PG Part # Part # PG Part # Part #

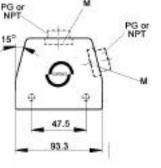
Metric hoods do not come with a neck.

HBE 16 HOODS WITH DOUBLE LEVER BOLTS

TOP ENTRY







Rectangular Connectors

All dimensions are in mm.

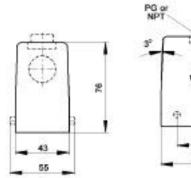
Position of	Siz	e of l	Entry	Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M	
Top Entry	21	3/4"	25	10.0800	10.0800NP	19.0800	70.1010	70.1010NP	79.1010		
	29	1"	32	10.0900	10.0900NP	19.0900	-	-	-		
Side Entry	21	3/4"	25	10.0820	10.0820NP	19.0820	70.1030	70.1030NP	79.1030		
	29	1"	32	10.0920	10.0920NP	19.0920	-	-	-	$\overline{\mathbf{O}} \square \overline{\mathbf{A}}$	

Metric hoods do not come with a neck.

HBE 16 HIGH PROFILE HOODS WITH DOUBLE LEVER BOLTS

TOP ENTRY





PG or NPT MPT M

SIDE ENTRY

SIDE ENTRY



All dimensions are in mm.

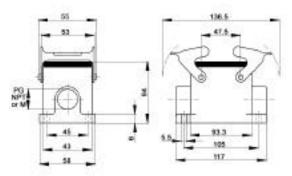
Position of	Size of Entry			Standard Grey Coating			Black Coating (NEMA 4X)			Strain Relief	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT	
Top Entry	21	3/4"	25	70.1002	70.1002NP	79.1002	79.1012	70.1012NP	79.1012		Δ
	29	1"	32	70.1004	70.1004NP	79.1004	70.1014	70.1014NP	79.1014		Δ
Side Entry	21	3/4"	25	70.1022	70.1022NP	79.1022	70.1032	70.1032NP	79.1032		Δ
	29	1"	32	70.1024	70.1024NP	79.1024	70.1034	70.1034NP	79.1034		Δ

Metric hoods do not come with a neck.

11	Ø	1	Res	sang	gula MC	r C Se	onni ries	esta	15
HBE	16 PA	ANEL	MOU	INT BAS	55 53 32 43	27.8	OUBLE		RS
	escriptior unt without		Sta over	andard Gre 10.072	y Coating		ck Coating 70.08	(NEMA	4X)
						- 22		1965	
					51 	All dir	mensions are	 4 4	
Mounting Type	Size of E	Entry	Standa PG	ard Grey C			mensions are coating (NE NPT		Strain Relief
-	PG NPT	Metric	PG Part #	NPT Part #	oating Metric Part #	Black C PG Part #	Coating (NE NPT Part #	MA 4X) Metric Part #	
Туре			PG	NPT	oating Metric	Black C	oating (NE	MA 4X) Metric	Relief
Type 2 Entries	PG NPT 21 3/4"	Metric 25 25	PG Part # 10.0750 10.0740 EM	NPT Part # 10.0750NP 10.0740NP	oating Metric Part # 19.0750 19.0740	Black C PG Part # 70.0880 70.0870 70.0870	coating (NE NPT Part # 70.0880NP	MA 4X) Metric Part # 79.0880	Relief

HBE 16 HIGH PROFILE BASES WITH DOUBLE LEVERS





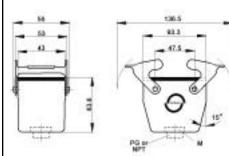
Restangular Connectors MC Series

All dimensions are in mm.

# of	Siz	e of E	Entry	Standard Grey Coating			Black C	coating (NE	MA 4X)	Strai Relie	
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT	
2 Entries	21	3/4"	25	70.0862	70.0862NP	79.0862	70.0882	70.0882NP	79.0882		Δ
	29	1"	32	70.0864	70.0864NP	79.0864	70.0884	70.0884NP	79.0884		
1 Entry	21	3/4"	25	70.0852	70.0852NP	79.0852	70.0872	70.0872NP	79.0872		Δ
	29	1"	32	70.0854	70.0854NP	79.0854	70.0874	70.0874NP	79.0874		

HBE 16 COUPLER HOODS WITH DOUBLE LEVERS

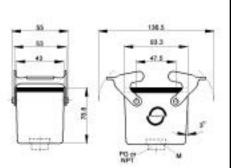
STANDARD PROFILE





All dimensions are in mm.

HIGH PROFILE



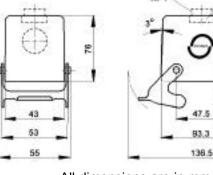
D (1)	Siz	e of I	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strai	
Profile	PG NPT Metr		Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relie PG NPT	
Standard	21	3/4"	25	10.0860	10.0860NP	19.0860	70.0910	70.0910NP	79.0910		
	29	1"	32	10.0960	10.0960NP	19.0960	-	-	-		
High	21	3/4"	25	70.0902	70.0902NP	79.0902	70.0912	70.0912NP	79.0912		
	29	1"	32	70.0904	70.0904NP	79.0904	70.0914	70.0914NP	79.0914		

Metric hoods do not come with a neck.

Rectangular Connectors MC Series HBE 16 HOODS WITH DOUBLE LEVERS PG or NPT **TOP ENTRY** SIDE ENTRY PG or 53 63.5 55 136.5 All dimensions are in mm. Strain Black Coating (NEMA 4X) Size of Entry Standard Grey Coating Position of Relief Cable Entry PG NPT Metric PG NPT Metric Part # Part # Part # Part # PG NPT M PG **NPT Metric** Part # Part # 10.0810NP Top Entry 21 25 10.0810 19.0810 70.1060 70.1060NP 79,1060 3/4" 29 32 10.0910 19.0910 1" 10.0910NP Side Entry 25 70.1080NP 21 3/4' 10.0830 10.0830NP 19.0830 70.1080 79.1080 29 1" 32 10.0930 10.0930NP 19.0930 Metric hoods do not come with a neck.

HBE 16 HIGH PROFILE HOODS WITH DOUBLE LEVERS **TOP ENTRY** SIDE ENTRY PG c





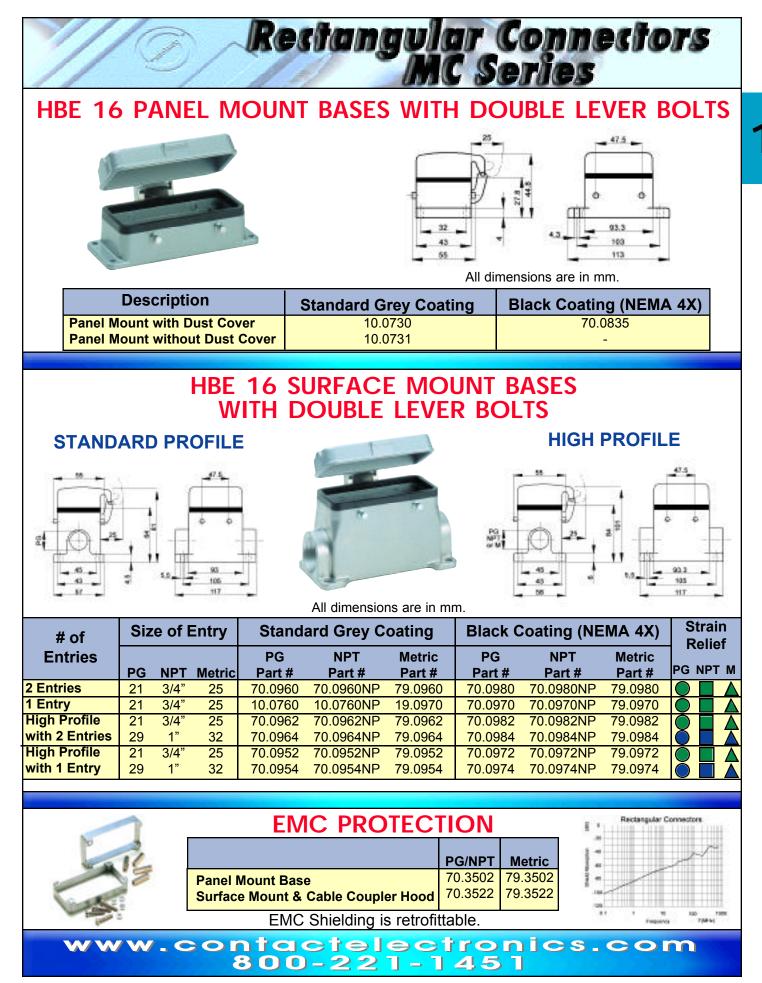
G of



All dimensions are in mm.

Position of	Siz	e of l	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	21	3/4"	25	70.1052	70.1052NP	79.1052	70.1062	70.1062NP	79.1062	
	29	1"	32	70.1054	70.1054NP	79.1054	70.1064	70.1064NP	79.1064	
Side Entry	21	3/4"	25	70.1072	70.1072NP	79.1072	70.1082	70.1082NP	79.1082	
	29	1"	32	70.1074	70.1074NP	79.1074	70.1084	70.1084NP	79.1084	Ŏ 🗖 Ā

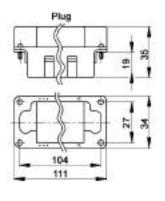
Metric hoods do not come with a neck.

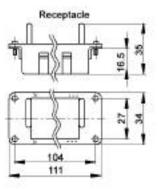


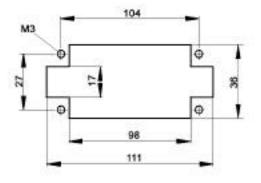
Restangular Connectors MC Series

7 MODULE FRAME



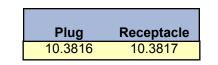






All dimensions are in mm.

These frames hold seven modules.



These frames fit in the HBE 24 Series Housings which are on the following pages.

MODULE REMOVAL TOOL

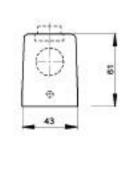


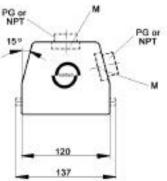
Removal Tool: 11.1712

HBE 24 HOODS WITH SINGLE LEVER BOLTS

TOP ENTRY







Restangular Connectors MC Series

SIDE ENTRY



All dimensions are in mm.

Position of	Siz	e of l	Entry	Stand	ard Grey C	oating	Black C	MA 4X)	Strain Relief	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	21	3/4" 1"	25	10.1219	10.1219NP	19.1219	70.1490	70.1490NP	79.1490	
Side Entry	29 21	3/4"	32 25	10.1119 10.1139	10.1119NP 10.1139NP	19.1119 19.1139	70.1492 70.1590	70.1492NP 70.1590NP	79.1492 79.1590	
	29	1"	32	10.1239	10.1239NP	19.1239	70.1592	70.1592NP	79.1592	

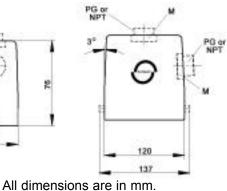
Metric hoods do not come with a neck.

HBE 24 HIGH PROFILE HOODS WITH SINGLE LEVER BOLTS









SIDE ENTRY

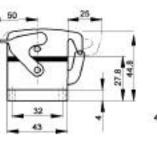


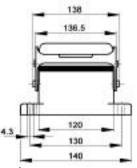
Position of	Siz	e of l	Entry	Stand	ard Grey C	oating	Black C	MA 4X)	Strain Baliaf	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	Relief PG NPT M
Top Entry	21	3/4"	25	70.1444	70.1444NP	79.1444	70.1494	70.1494NP	79.1494	
	29	1"	32	70.1446	70.1446NP	79.1446	70.1496	70.1496NP	79.1496	
Side Entry	21	3/4"	25	70.1544	70.1544NP	79.1544	70.1594	70.1594NP	79.1594	
	29	1"	32	70.1546	70.1546NP	79.1546	70.1596	70.1596NP	79.1596	

Metric hoods do not come with a neck.

HBE 24 PANEL MOUNT BASES WITH SINGLE LEVER







Restangular Connectors MC Series

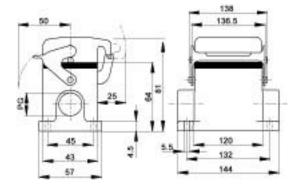


All dimensions are in mm.

Description	Standard Grey Coating	Black Coating (NEMA 4X)
Panel Mount without dust cover	10.1029	70.1327
Panel Mount with dust cover	10.1039	70.1337

HBE 24 SURFACE MOUNT BASES WITH SINGLE LEVER





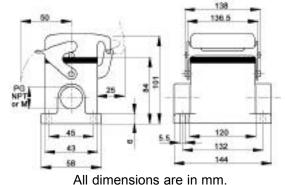
All dimensions are in mm.

# of	Siz	e of I	Entry	Stand	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	21	3/4"	25	10.1059	10.1059NP	19.1059	70.1630	70.1630NP	79.1630	
1 Entry	21	3/4"	25	10.1049	10.1049NP	19.1049	70.1620	70.1620NP	79.1620	
2 with cover	21	3/4"	25	10.1099	10.1099NP	19.1099	70.1670	70.1670NP	79.1670	
1 with cover	21	3/4"	25	10.1079	10.1079NP	19.1079	70.1660	70.1660NP	79.1660	

	EMC PROTEC	ΓΙΟΝ		Rectangu 30	ller Connectors
	Panel Mount Base Surface Mount & Cable Coupler Hood	PG/NPT 70.3503 70.3523	Metric 79.3503 79.3523		>^
	EMC Shielding is retrofit	table.		8-1 T	18 100 1000 Ngawing P(Milling)
www.c	contactelec 800-221-1			s.co	m

Restangular Connectors MC Series HBE 24 HIGH PROFILE SURFACE MOUNT BASES WITH SINGLE LEVER

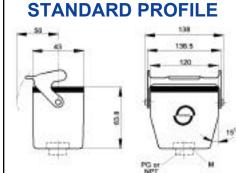






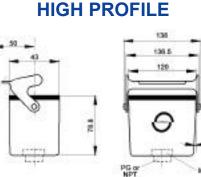
# of	Siz	e of E	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Entries	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	21	3/4"	25	70.1612	70.1612NP	79.1612	70.1632	70.1632NP	79.1632	
	29	1"	32	70.1614	70.1614NP	79.1614	70.1634	70.1634NP	79.1634	
1 Entry	21	3/4"	25	70.1602	70.1602NP	79.1602	70.1622	70.1622NP	79.1622	
	29	1"	32	70.1604	70.1604NP	79.1604	70.1624	70.1624NP	79.1624	
2 Entries with	21	3/4"	25	70.1652	70.1652NP	79.1652	70.1672	70.1672NP	79.1672	
dust cover	29	1"	32	70.1654	70.1654NP	79.1654	70.1674	70.1674NP	79.1674	
1 Entry with	21	3/4"	25	70.1642	70.1642NP	79.1642	70.1662	70.1662NP	79.1662	
dust cover	29	1"	32	70.1644	70.1644NP	79.1644	70.1664	70.1664NP	79.1664	

HBE 24 CABLE COUPLER HOODS WITH SINGLE LEVER





All dimensions are in mm.



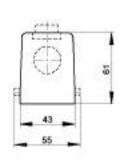
Duefile	Siz	e of l	Entry	Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Profile	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Standard	21	3/4"	25	10.1279	10.1279NP	19.1279	70.1430	70.1430NP	79.1430	
	29	1"	32	10.1179	10.1179NP	19.1179	70.1432	70.1432NP	79.1432	
High Profile	21	3/4"	25	70.1424	70.1424NP	79.1424	70.1434	70.1434NP	79.1434	
	29	1"	32	70.1426	70.1426NP	79.1426	70.1436	70.1436NP	79.1436	<u> </u>

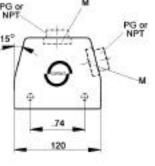
Metric hoods do not come with a neck.

HBE 24 HOODS WITH DOUBLE LEVER BOLTS

TOP ENTRY







Restangular Connectors MC Series

All dimensions are in mm.

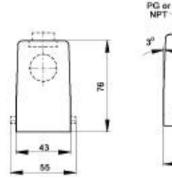
Position of	Siz	e of	Entry	Stand	ard Grey C	oating	Black C	MA 4X)	Strain Relief	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	21	3/4"	25	10.1210	10.1210NP	19.1210	70.1510	70.1510NP	79.1510	
	29	1"	32	10.1110	10.1110NP	19.1110	70.1512	70.1512NP	79.1512	
Side Entry	21	3/4"	25	10.1130	10.1130NP	19.1130	70.1530	70.1530NP	79.1530	
	29	1"	32	10.1230	10.1230NP	19.1230	70.1532	70.1532NP	79.1532	

Metric hoods do not come with a neck.

HBE 24 HIGH PROFILE HOODS WITH DOUBLE LEVER BOLTS

TOP ENTRY





All dimensions are in mm.

SIDE ENTRY

SIDE ENTRY



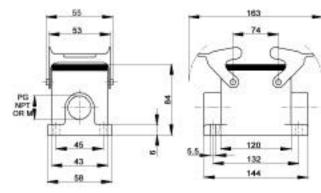
Position of	Siz	e of	Entry	Stand	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT	
Top Entry	21	3/4"	25	70.1504	70.1504NP	79.1504	70.1514	70.1514NP	79.1514		\mathbf{A}
	29	1"	32	70.1506	70.1506NP	79.1506	70.1516	70.1516NP	79.1516		
Side Entry	21	3/4"	25	70.1524	70.1524NP	79.1524	70.1534	70.1534NP	79.1534		\mathbf{A}
	29	1"	32	70.1526	70.1526NP	79.1526	70.1536	70.1536NP	79.1536	Ŏ 🗖 🗍	

Metric hoods do not come with a neck.

	/	C		Re	stan	gula M(ir C Se	onn ries	ecto	15	
E F	IBE 2	24 P/	ANEL	. MOL	JNT BA	SES W	ITH D	OUBLE	LEVE	RS	
	$\begin{array}{ c c c } \hline \hline \\ $										
		Descri	ption		Standard	Grey Coa	ting	Black Coat	ing (NEN	IA 4X)	
	Panel M	ount wit	hout Dus	st Cover		0.1020			0.1325		
# 0	f	Size of	6	Stand	ard Grey C	PG PG PG PG PG PG PG PG PG PG	All dime	DOUBL	163 74 120 132 144 nm. MA 4X)	ERS Strain Relief	
Entri			Motrio	PG Dort #	NPT	Metric	PG Dort #	NPT	Metric	PG NPT M	
2 Entries		PG NPT 21 3/4"	Metric 25	Part # 10.1050	Part # 10.1050NP	Part # 19.1050	Part # 70.1380	Part # 70.1380NP	Part # 79.1380		
1 Entry		21 3/4"		10.1040	10.1040NP	19.1040	70.1370	70.1370NP	79.1370	Ŏ I Â	
	EMC PROTECTION Panel Mount Base Surface Mount & Cable Coupler Hood PG/NPT Metric 70.3503 79.3503										
1	EMC Shielding is retrofittable.										

HBE 24 HIGH PROFILE SURFACE MOUNT BASES WITH DOUBLE LEVERS





Restangular Connectors MC Series

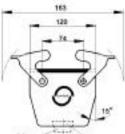
All dimensions are in mm.

Position of	Siz	e of l	Entry	Stand	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
2 Entries	21	3/4"	25	70.1362	70.1362NP	79.1362	70.1382	70.1382NP	79.1382	
	29	1"	32	70.1364	70.1364NP	79.1364	70.1384	70.1384NP	79.1384	
1 Entry	21	3/4"	25	70.1352	70.1352NP	79.1352	70.1372	70.1372NP	79.1372	
	29	1"	32	70.1354	70.1354NP	79.1354	70.1374	70.1374NP	79.1374	

HBE 24 CABLE COUPLER HOOD WITH DOUBLE LEVERS

STANDARD PROFILE

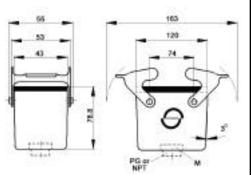




72.

All dimensions are in mm.

HIGH PROFILE



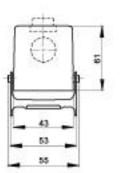
Drofilo	Size of Entry			Standa	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief
Profile	PG NPT Metric		PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M	
Standard	21	3/4"	25	10.1270	10.1270NP	19.1270	70.1410	70.1410NP	79.1410	
	29	1"	32	10.1170	10.1170NP	19.1170	70.1412	70.1412NP	79.1412	
High Profile	21	3/4"	25	70.1404	70.1404NP	79.1404	70.1414	70.1414NP	79.1414	
	29	1"	32	70.1406	70.1406NP	79.1406	70.1416	70.1416NP	79.1416	

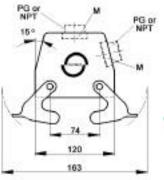
Metric hoods do not come with a neck.

HBE 24 HOODS WITH DOUBLE LEVERS

TOP ENTRY







Rectangular Connectors MC Series



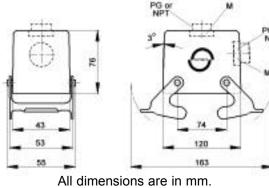
All dimensions are in mm.

Position of	Siz	e of l	Entry	Stand	ard Grey C	oating	Black C	MA 4X)	Strain Relief	
Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG NPT M
Top Entry	21	3/4"	25	10.1220	10.1220NP	19.1220	70.1560	70.1560NP	79.1560	
	29	1"	32	10.1120	10.1120NP	19.1120	70.1562	70.1562NP	79.1562	
Side Entry	21	3/4"	25	10.1140	10.1140NP	19.1140	70.1580	70.1580NP	79.1580	
	29	1"	32	10.1240	10.1240NP	19.1240	70.1582	70.1582NP	79.1582	Ŏ 🗖 Ā

Metric hoods do not come with a neck.

HBE 24 HIGH PROFILE HOODS WITH DOUBLE LEVERS

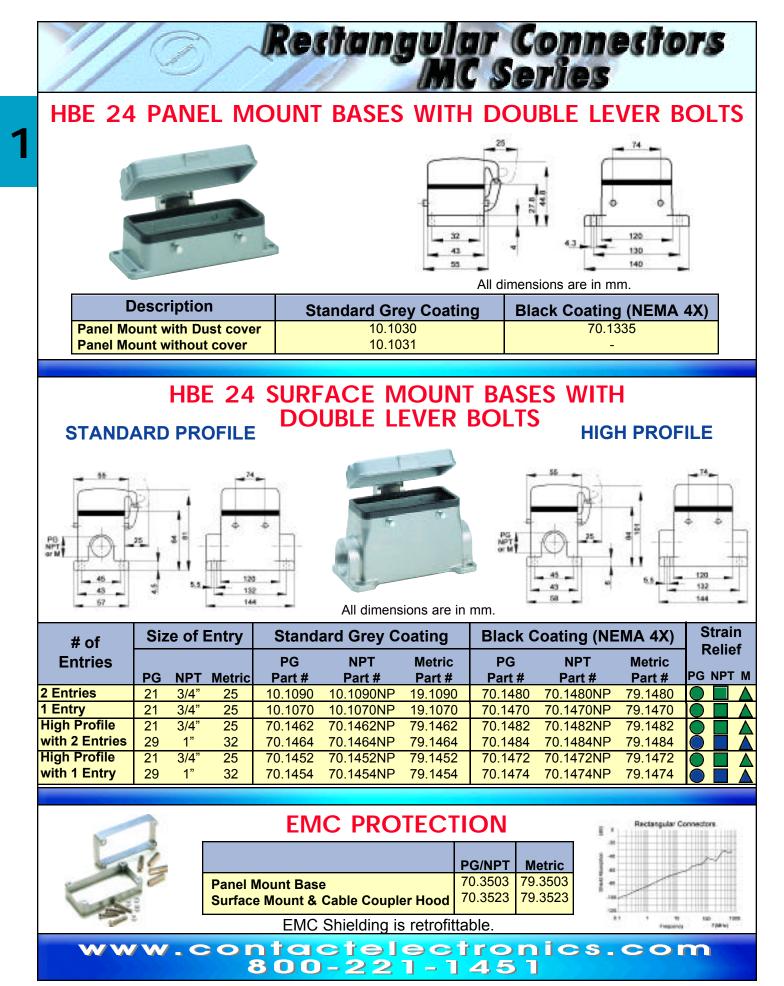


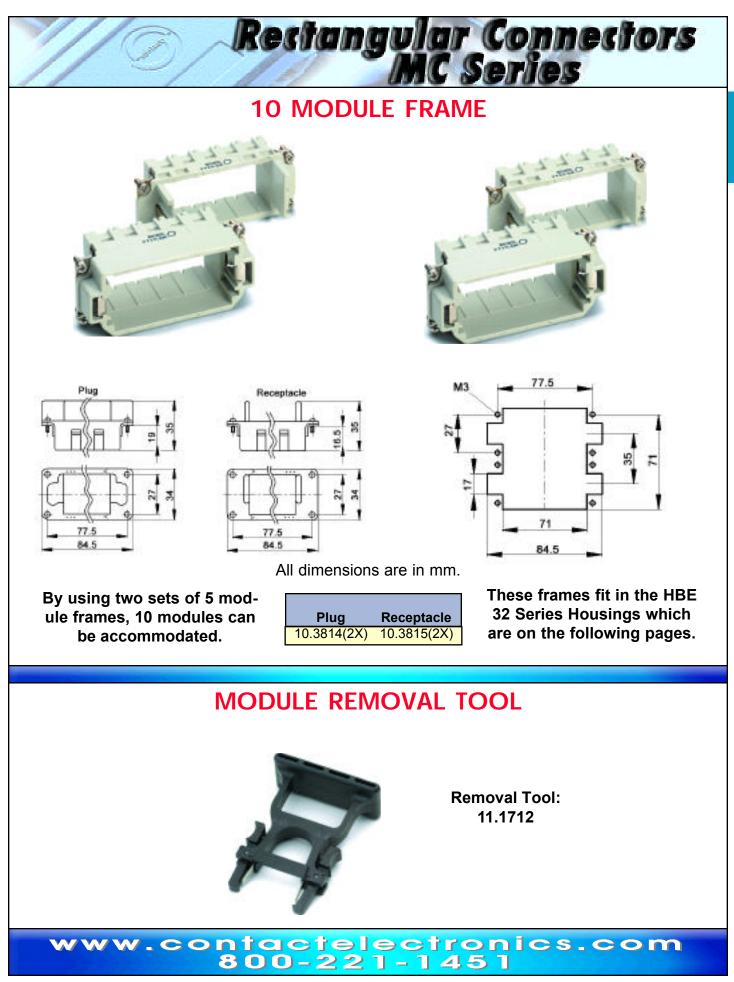


SIDE ENTRY



Position of	Siz	e of l	Entry	Stand	ard Grey C	oating	Black C	oating (NE	MA 4X)	Strain Relief	
Cable Entry			PG Part #	NPT Part #	Metric Part #	PG Part #	NPT Part #	Metric Part #	PG N		
Top Entry	21	3/4"	25	70.1554	70.1554NP	79.1554	70.1564	70.1564NP	79.1564		
	29	1"	32	70.1556	70.1556NP	79.1556	70.1566	70.1566NP	79.1566		
Side Entry	21	3/4"	25	70.1574	70.1574NP	79.1574	70.1584	70.1584NP	79.1584		
	29	1"	32	70.1576	70.1576NP	79.1576	70.1586	70.1586NP	79.1586		
	Metric hoods do not come with a neck.										

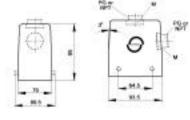




HBE 32 HIGH PROFILE HOODS WITH DOUBLE LEVER BOLTS

Restangular Connectors MC Series







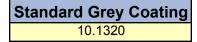
Metric hoods do not come with a neck.

Position of	Siz	e of l	Entry	Standa	ard Grey C	oating	Strain Relief
Cable Entry				PG	NPT	Metric	
	PG	NPT	Metric	Part #	Part #	Part #	PG NPT M
Top Entry	29	1"	32	10.1340	10.1340NP	19.1340	
Side Entry	21	3/4"	25	10.1350	10.1350NP	19.1350	
	29	1"	32	10.1360	10.1360NP	19.1360	

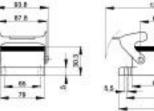
All dimensions are in mm.

HBE 32 PANEL MOUNT BASES WITH DOUBLE LEVERS





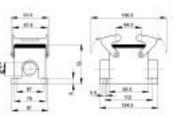
All dimensions are in mm.



HBE 32 SURFACE MOUNT BASE WITH DOUBLE LEVERS



# of	# of Size of Entry				ard Grey C	oating
Entries				PG	NPT	Metric
	PG	NPT	Metric	Part #	Part #	Part #
2 Entries	29	1"	32	10.1380	10.1380NP	19.1380
1 Entry	29	1"	32	10.1370	10.1370NP	19.1370

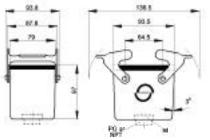


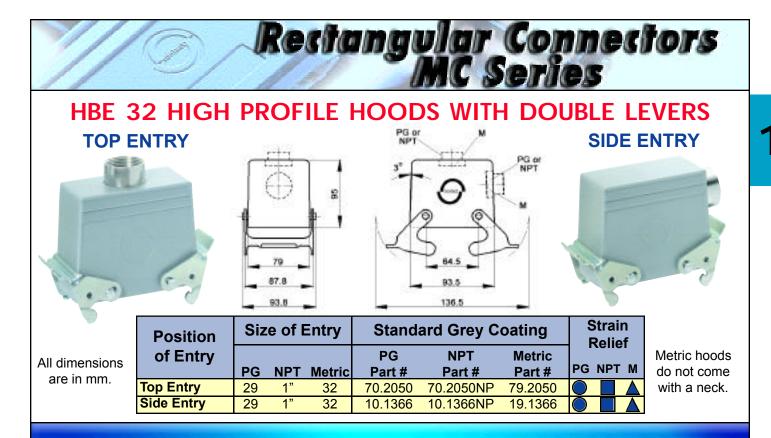
All dimensions are in mm.

HBE 32 CABLE COUPLER WITH DOUBLE LEVERS

Siz	e of E	Entry	Standa	ard Grey C	oating	Strain Relief
PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #	PG NPT M
29	1"	32	10.1395	10.1395NP	19.1395	

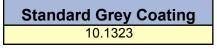
All dimensions are in mm.



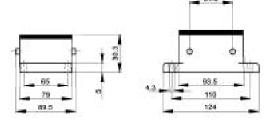


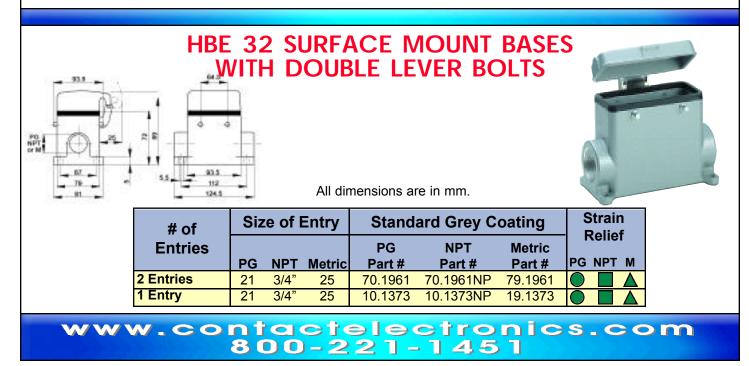
HBE 32 PANEL MOUNT BASES WITH DOUBLE LEVER BOLTS





All dimensions are in mm.





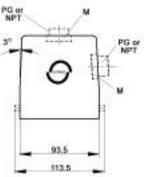
HBE 32 HOOD WITH SINGLE LEVER BOLTS

TOP ENTRY

SIDE ENTRY





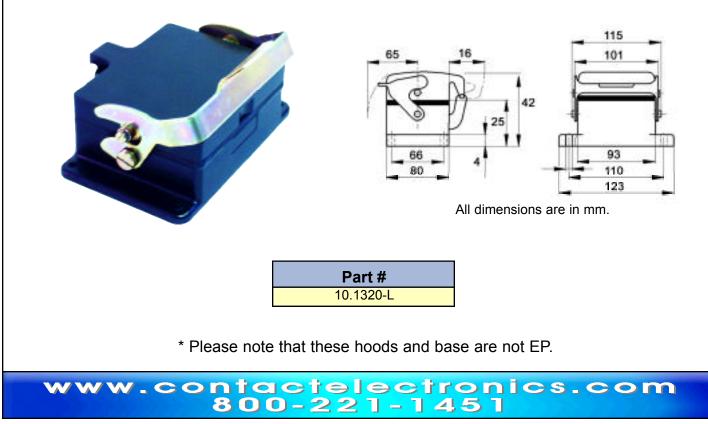


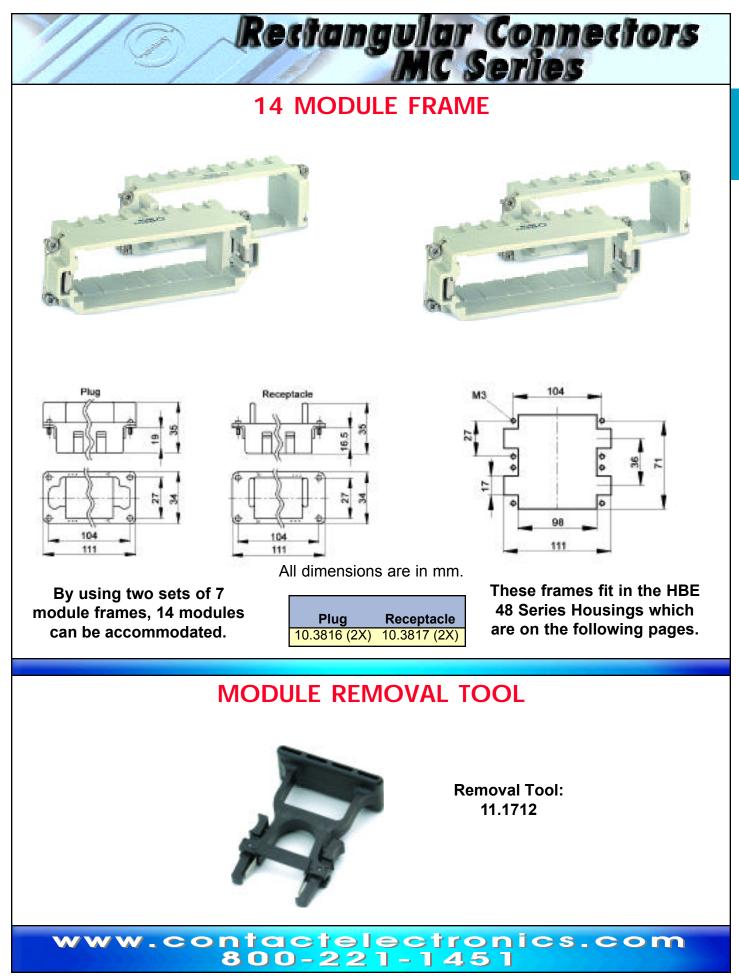
Rectangular Connectors MC Series



	Position of Size of Entry		B	lack Coating		train elief				
	Cable Entry			Metric	PG	NPT Part #	Metric Part #		NPT M	All dimensions are in mm.
with a neck.	Top Entry	29	1"	32	10.1340SB	10.1340SBNP	19.1340SB	\bigcirc		
	Side Entry	21 29	3/4" 1"	25 32		10.1350SBNP 10.1360SBNP				

HBE 32 PANEL MOUNT BASE WITH SINGLE LEVER





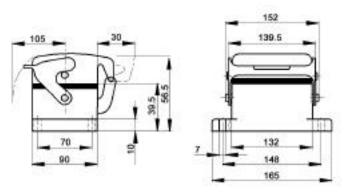
HBE 48 HOODS WITH SINGLE LEVER BOLTS

Restangular Connectors MC Series

	NTRY				PG or NPT	/**		SIDE E	ENTRY
		e e		105	15°	132 152	PG or NPT		I
	Position of	Siz	e of E	Entry	Standa	ard Grey C	oating	Strain]
	Position of Cable Entry			-	PG	NPT	Metric	Relief	
	Cable Entry	PG	NPT	Metric	PG Part #	NPT Part #	Metric Part #		
		PG 29	NPT 1"	Metric 32	PG Part # 10.1550	NPT Part # 10.1550NP	Metric Part # 19.1550	Relief	
All dimensions	Cable Entry	PG 29 36	NPT	Metric 32 40	PG Part # 10.1550 10.1560	NPT Part #	Metric Part # 19.1550 19.1560	Relief	Metric hoods
All dimensions are in mm.	Cable Entry	PG 29 36 42	NPT 1" 1 1/4" -	Metric 32 40 50	PG Part # 10.1550 10.1560 10.1570	NPT Part # 10.1550NP 10.1560NP	Metric Part # 19.1550 19.1560 19.1570	Relief	do not come
	Cable Entry	PG 29 36 42 29	NPT 1" 1 1/4" - 1"	Metric 32 40 50 32	PG Part # 10.1550 10.1560 10.1570 10.1580	NPT Part # 10.1550NP 10.1560NP	Metric Part # 19.1550 19.1560 19.1570 19.1580	Relief	
	Cable Entry	PG 29 36 42	NPT 1" 1 1/4" -	Metric 32 40 50	PG Part # 10.1550 10.1560 10.1570	NPT Part # 10.1550NP 10.1560NP	Metric Part # 19.1550 19.1560 19.1570	Relief	do not come

HBE 48 PANEL MOUNT BASES WITH SINGLE LEVER





All dimensions are in mm.

	With Dust Cover with hold down screws	With Dust Cover with hold down screws
Without Dust Cover	and no dust cover bolts	and dust cover bolts
10.1610	10.1520	10.1525

