

Heavy Duty Connectors - continued

HBE Inserts - continued

- HBE inserts
- 6-48 ways
- Screw or cage clamp termination



Current rating	16A	Test Voltage	6kV
Voltage working	400V	Termination	Screw 0.5 to 2.5mm ²
Degree of Pollution	3	Temperature range	-40°C to +125°C

Mfrs. List No.	Mfrs. List No.	Mfrs. List No.	Mfrs. List No.
10.1900.	= 333-3073 10.1960+10.2040	= 990-3666 10.1950+10.2030	= 333-3176
10.1900	= 990-3623 10.1910.	= 333-3139 10.1970+10.2050.	= 333-3188
10.1920.	= 333-3085 10.1910	= 990-3674 10.1970+10.2050	= 990-3712
10.1920	= 990-3631 10.1930.	= 333-3140 10.4002	= 333-3218
10.1940.	= 333-3097 10.1930	= 990-3682 10.4003	= 333-3220
10.1940	= 990-3640 10.1950.	= 333-3152 10.4002+10.4004	= 333-3231
10.1960.	= 333-3103 10.1950	= 990-3690 10.4010.	= 333-3255
10.1960	= 990-3658 10.1970.	= 333-3164 10.4010	= 990-3720
10.1940+10.2020	= 333-3115 10.1970	= 990-3704 10.4012	= 333-3279
10.1960+10.2040.	= 333-3127		

230427

Size	No. of Ways	Order Code	1+	10+	50+
Plug Insert, Screw Termination					
HB6	6	333-3073‡	410.00	395.00	386.00
HB6	6	990-3623●	410.00	395.00	386.00
HB10	10	333-3085‡	550.00	522.00	496.00
HB10	10	990-3631●	550.00	522.00	496.00
HB16	16	333-3097‡	663.00	631.00	598.00
HB16	16	990-3640●	663.00	631.00	598.00
HB24	24	333-3103‡	858.00	816.00	775.00
HB24	24	990-3658●	858.00	816.00	775.00
HB32	32 (1-16 and 17-32)	333-3115	1,327.00	1,261.00	1,197.00
HB48	48 (1-24 and 25-48)	333-3127‡	1,717.00	1,632.00	1,549.00
HB48	48 (1-24 and 25-48)	990-3666●	1,717.00	1,632.00	1,549.00
Socket Insert, Screw Termination					
HB6	6	333-3139‡	447.00	425.00	404.00
HB6	6	990-3674●	447.00	425.00	404.00
HB10	10	333-3140‡	561.00	533.00	506.00
HB10	10	990-3682●	561.00	533.00	506.00
HB16	16	990-3690●	673.00	640.00	608.00
HB24	24	333-3164‡	921.00	874.00	830.00
HB24	24	990-3704●	921.00	874.00	830.00
HB32	32 (1-16 and 17-32)	333-3176	1,347.00	1,280.00	1,215.00
HB48	48 (1-24 and 25-48)	333-3188‡	1,841.00	1,749.00	1,661.00
HB48	48 (1-24 and 25-48)	990-3712●	1,841.00	1,749.00	1,661.00
Plug Insert, Cage Clamp					
HB16	16	333-3218	915.00	870.00	825.00
HB24	24	333-3220	1,270.00	1,206.00	1,147.00
HB32	32 (1-16 and 17-32)	333-3231	1,830.00	1,739.00	1,651.00
Socket Insert, Cage Clamp					
HB6	6	333-3255‡	524.00	498.00	472.00
HB6	6	990-3720●	524.00	498.00	472.00
HB16	16	333-3279	1,012.00	962.00	914.00

HBS Series

CONTACT



- HBS Series kits and inserts
- Screw termination
- PG clamp
- HBS6 fits HB16 hoods or bases



Current Rating	35A	Mating Cycles	100
Voltage Working	400V	Degree of Pollution	3
Temperature range	-40°C to +125°C	Contact Resistance	2MΩ
Protection Class	IP65	Wire Size	0.5 to 6mm ²

Mfrs. List No.	Mfrs. List No.	Mfrs. List No.	Mfrs. List No.
10.0820+10.1700+12.9546.	= 333-3991 10.1320+10.1710+10.1716.	= 333-4028	
10.0820+10.1700+12.9546	= 990-3909 10.1320+10.1710+10.1716	= 990-3933	
10.1360+10.1700+10.1076+12.9456.	= 333-4004 10.1700.	= 333-4030	
10.1360+10.1700+10.1076+12.9456	= 990-3917 10.1700	= 990-3941	
10.0720+10.1710.	= 333-4016 10.1710.	= 333-4041	
10.0720+10.1710	= 990-3925 10.1710	= 990-3950	

230437

Size	PG Gland	Order Code	1+	10+	50+
Hood Kit - Right Angle - With plug insert and cable gland					
6	PG21	333-3991‡	2,113.00	2,007.00	1,907.00
6	PG21	990-3909●	2,113.00	2,007.00	1,907.00
12	PG29	333-4004‡	5,682.00	5,398.00	5,128.00
12	PG29	990-3917●	5,682.00	5,398.00	5,128.00
Panel Mount Base Kits - With socket insert					
6		333-4016‡	2,388.00	2,269.00	2,156.00
6		990-3925●	2,388.00	2,269.00	2,156.00
12		333-4028‡	4,592.00	4,363.00	4,144.00
12		990-3933●	4,592.00	4,363.00	4,144.00

Size	PG Gland	Order Code	1+	10+	50+
Insert, Plug					
6		333-4030‡	1,302.00	1,256.00	1,231.00
6		990-3941●	1,302.00	1,256.00	1,231.00
Insert, Socket					
6		333-4041‡	1,594.00	1,515.00	1,439.00
6		990-3950●	1,594.00	1,515.00	1,439.00

HA3/HA4 Complete Kits
Plastic Housing with Metric Threaded Gland

CONTACT



- Hood and base kits with inserts and Metric glands
- No extra parts need to be ordered
- Panel base, surface base and coupler supplied with socket insert
- Hoods supplied with plug insert
- According to VDE0110/89



Current rating	10A	Contact resistance	2mΩ
Voltage rating	400V ac	Temperature range	-40°C to +125°C
Termination	Screw 0.5 to 2.5mm ²	Protection Class	IP65

386173/406602

No. of Ways Type	Order Code	1+	10+	50+
Complete Kit 1				
3 Panel mount socket + straight plug-M20	860-2514●	1,332.00	1,205.00	1,140.00
4 Panel mount socket + straight plug-M20	860-2530●	1,459.00	1,320.00	1,251.00
Complete Kit 2				
3 Panel mount socket 90° + straight plug- M20	860-2522●	1,490.00	1,348.00	1,276.00
4 Panel mount socket 90° + straight plug- M20	860-2549●	1,476.00	1,333.00	1,264.00
Complete Kit 3				
3 Surface mount socket + straight plug- M20	860-2557●	1,651.00	1,491.00	1,415.00
4 Surface mount socket + straight plug- M20	860-2565●	1,735.00	1,568.00	1,486.00
Complete Kit 4				
3 Straight plug + Straight coupler-M20	860-2573●	1,432.00	1,294.00	1,227.00
4 Straight plug + Straight coupler-M20	860-2581●	1,558.00	1,408.00	1,336.00

HA3/HA4 Complete Kits
Metal Housing with PG Threaded Gland

CONTACT



- HA3 and HA4 complete kits
- No extra parts need to be ordered
- The kit consists of all necessary parts to obtain a complete connection: Plug and Socket inclusive all inserts and housing
- According to VDE0110/89

Current rating	10A	Contact resistance	2mΩ
Voltage rating	400V ac	Temperature range	-40°C to +125°C
Termination	Screw 0.5 to 2.5mm ²	Protection Class	IP65

230424/406606