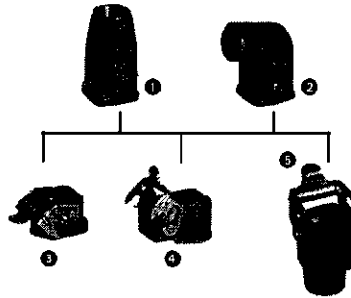


### Housings

Top of Housings  
straight/angled



Bottom of Housings  
surface mounted-/  
socket-/cable-to-  
cable housing

Description	Part No.	Width	Length	Height
1 HA.3.STD.1.11Z	1-1102101-7	26.5	26.5	52.0
2 HA.3.STW.1.11Z	1-1102103-7	26.5	40.0	49.0
3 HA.3.AG-LB	1-1102105-2	28.0	40.0	23.0
4 HA.3.AGD-LB	1-1102106-2	28.0	40.0	23.0
5 HA.3.SG-LB.1.11Z	1-1102109-2	40.0	40.0	25.0
6 HA.3.KDD-LB.1.11Z	1-1102112-2	24.0	24.0	46.0
7 HA.3.KDDD-LB.1.11Z	1-1108759-2	24.0	24.0	46.0

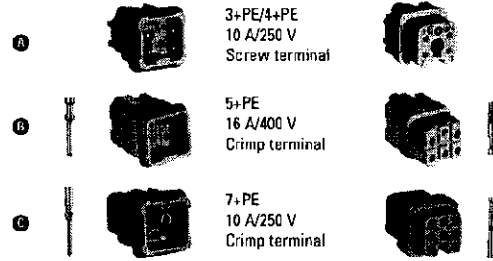
AGD = Surface mounted housing with lid

KDDD = Cable-to-cable housing with lid

Material: Zinc die-cast alloy

Protection: IP 44

### Contact Inserts



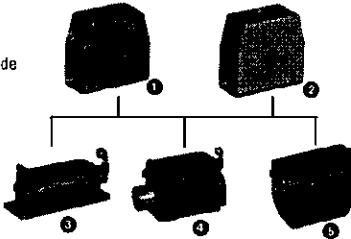
Description	Part No.	Screw	Crimp
A HA.3.Sti.S	1-1103400-1	●	
HA.3.Bu.S	1-1103401-1	●	
HA.4.Sti.S	1-1103402-1	●	
HA.4.Bu.S	1-1103403-1	●	
B HE-0.5.Sti.C	0-1102195-1		●
HE-0.5.Bu.C	0-1102194-1		●
C HN.D.7.Sti.C	2-1103100-3		●
HN.D.7.Bu.C	2-1103101-3		●

Material: Polycarbonate

Crimp Contacts: please see HA/HE & HN.D

### Housings

Top of Housings  
cable entry from the side  
straight cable entry



Bottom of Housings  
surface mounted-/  
socket-/cable-to-  
cable housing

Description	Part No.	Width	Length	Height
1 HA.10.STS.1.16G	1-1102117-7	29.0	63.0	57.0
2 HA.10.STO.1.16G	1-1102120-7	29.0	63.0	57.0
3 HA.10.AG-LB	1-1102121-2	29.0	81.0	28.0
4 HA.10.AGD*-LB	1-1102122-2	29.0	81.0	28.0
5 HA.10.SG-LB.1.16Z	1-1102124-2	50.0	72.5	47.0
6 HA.10.SGD*-LB.1.16Z	1-1102128-2	50.0	72.5	47.0
7 HA.10.KDD-LB.1.16G	1-1102112-2	29.0	75.5	52.5

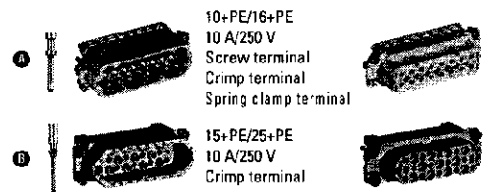
Description	Part No.	Width	Length	Height
1 HA.16.STS.1.16G	1-1102136-7	29.0	79.5	57.0
2 HA.16.STD.1.16G	1-1102139-7	29.0	79.5	57.0
3 HA.16.AG-LB	1-1102140-2	29.0	96.0	28.0
4 HA.16.AGD*-LB	1-1102142-2	29.0	96.0	28.0
5 HA.16.SG-LB.1.16Z	1-1102143-2	50.0	102.0	50.0
6 HA.16.SGD*-LB.1.16Z	1-1102147-2	50.0	102.0	50.0
7 HA.16.KDD-LB.1.16G	1-1102152-2	29.0	92.0	52.0

AGD\*/SGD\* = Surface mounted-/socket housing with lid

Material: Aluminum die-cast alloy

Protection Class: IP 65

### Contact Inserts



Description	Part No.	Screw	Crimp	Spring Clamp
A HA.10.Sti.S	1-1103414-1	●		
HA.10.Bu.S	1-1103415-1	●		
HA.10.Sti.C	2-1103414-3		●	
HA.10.Bu.C	2-1103415-3		●	
HA.10.Sti.SC	7-1103414-1			●
HA.10.Bu.SC	7-1103415-1			●
B HN.D.15.Sti.C	2-1103106-3		●	
HN.D.15.Bu.C	2-1103107-3		●	

A HA.16.Sti.S	1-1103416-1	●		
HA.16.Bu.S	1-1103417-1	●		
HA.16.Sti.C	2-1103416-3		●	
HA.16.Bu.C	2-1103417-3		●	
HA.16.Sti.SC	7-1103416-1			●
HA.16.Bu.SC	7-1103417-1			●
B HN.D.25.Sti.C	2-1103108-3		●	
HN.D.25.Bu.C	2-1103109-3		●	

Material: Polycarbonate

Crimp Contacts: please see HA/HE & HN.D