

ZH28

CHI28 is a glass sintered sealed socket with CHI23
The corresponding plug can be used together with the
remote control circuit for DC and AC pulse current.



Technical performance

- Ambient temperature: $-60^{\circ}\text{C}\sim+155^{\circ}\text{C}$ (highest 200°C)
- Vibration: $1\sim 5000$ Hz Acceleration $\leq 40\text{g}$
- Shock acceleration multiple times 150g , once 500g
- Early contact resistance: $\varnothing 1.0 \leq 15\text{m}\Omega$; $\varnothing 1.5 \leq 10\text{m}\Omega$; $\varnothing 2.0 \leq 8\text{m}\Omega$
- Medium pressure resistance:

Grade	Operating Voltage(V)	Test Voltage(V)
A	700	2100
B	500	1850
C	400	1600

- Insulation resistance: $\geq 5000\text{M}\Omega$
- Operating Voltage: 700V
- Technical conditions: BPO.364.038TY Q/3 E 20005-2003
- Resistant to salt spray: 48h
- Relative humidity: $30^{\circ}\text{C}\sim 60^{\circ}\text{C}$ $92\%\sim 98\%$
- Mechanical life: 500 cycles

- Contact current




Number of Contacts /Shell number	Contact Diameter (mm)	Single contact current (A)	
		Working current	Maximum current
4/14	1	3	6
3/14	1.5	6	12
10/18	1	3	6
7/18	1.5	6	12
19/22	1	3	6
10/22	1.5	6	12
7/22	1.5	6	12
7/22	2.0	9	18
19/24	1.0	3	6
	1.5	6	12
19/27	1.5	6	12
28/27	1.0	3	6
28/27	1.5	6	12
32/27	1.0	3	6
41/30	1.0	3	6
24/30	1.5	6	12
55/33	1.0	3	6
32/33	1.0	3	6
32/33	2.0	9	18
61/36	1.0	3	6
43/36	1.0	3	6
43/36	1.5	6	12
45/39	1.0	3	6
	1.5	6	12
	2.0	9	18

Interchange example:

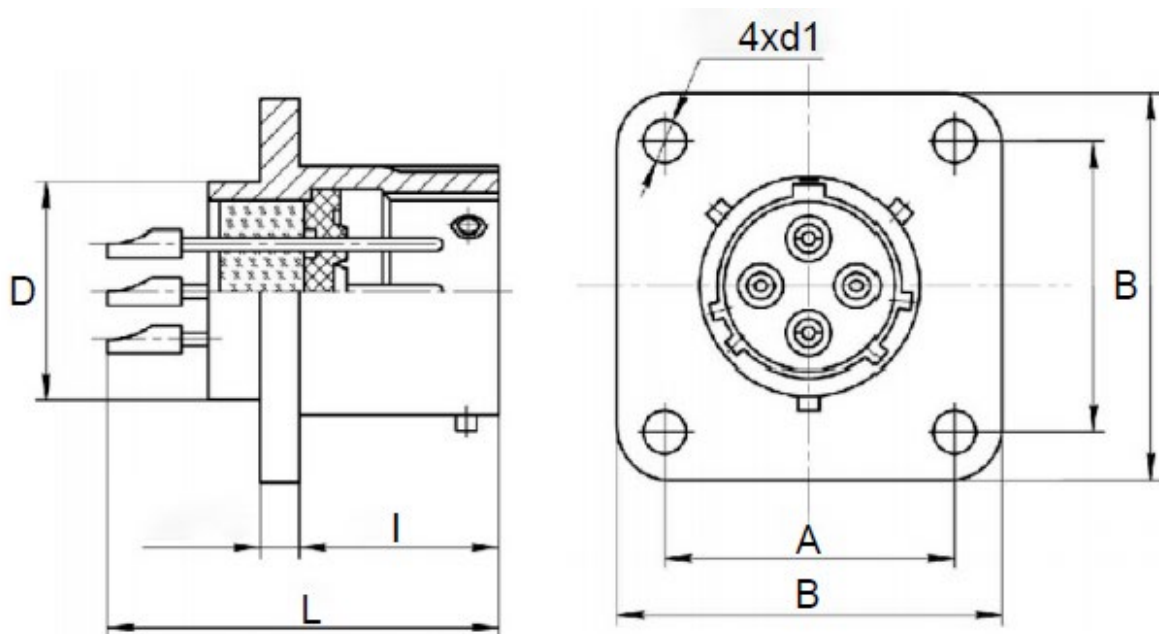
Russian	CHL28	- 4	/14	B	-1	-6	-B
Number of contacts							
Shell number							
Pin							
Without tail							
Key position							
All weather							

Chinese	ZH28	- 4	/14	B	-1	-b	-B
Number of contacts							
Shell number							
Pin							
Without tail							
Key position							
All weather							

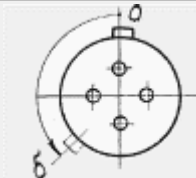
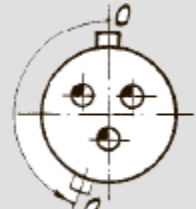
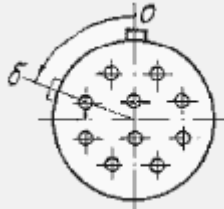
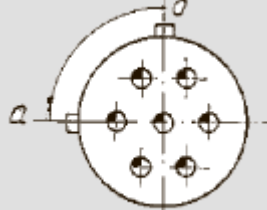
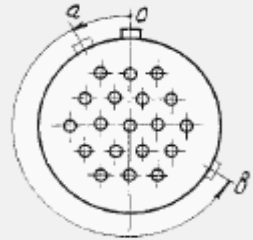
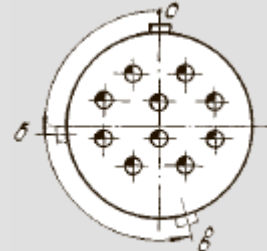
Insulator key position and contact distribution (see next page)

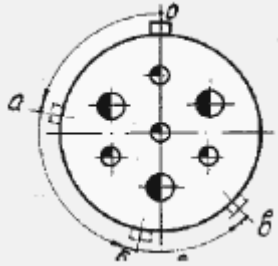
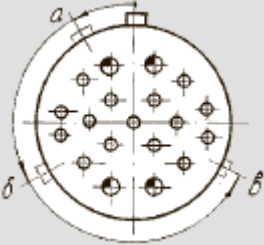
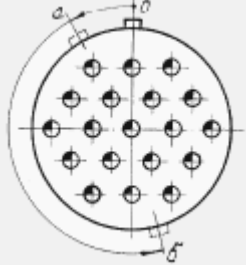
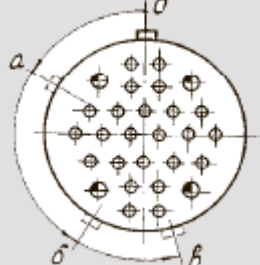
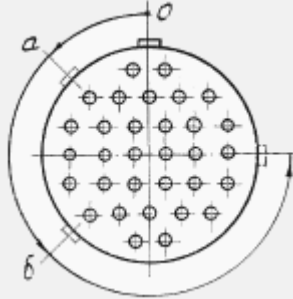
		
$\Phi 1.0\text{mm}$	$\Phi 1.5\text{mm}$	$\Phi 2.0\text{mm}$

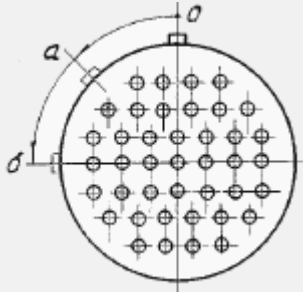
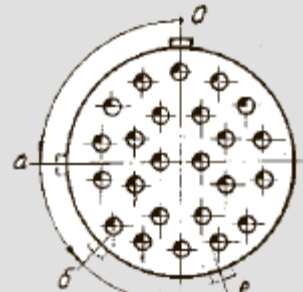
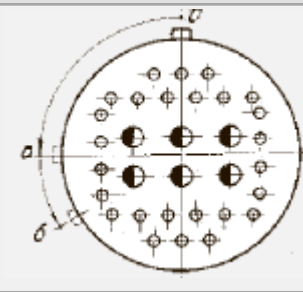
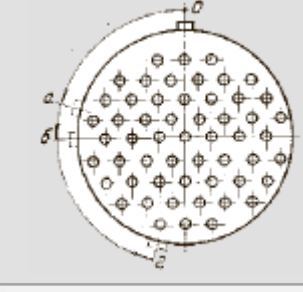
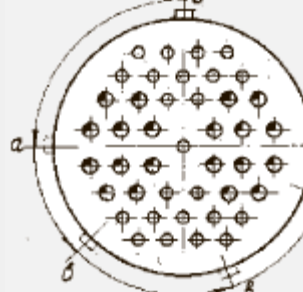
- Shape and installation size (mm)

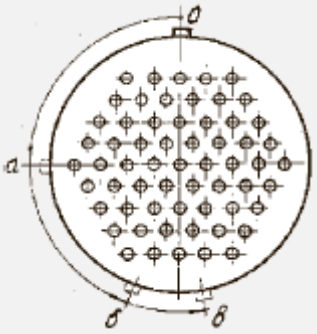


Model	Size (mm)					
	A	B	d1	L	I	D
CHLQ28-4/14B-1-B	16.5	21.7	2.2	23.6	11.3	14
CHLQ28-3/14B-1-B						
CHLQ28-10/18B(P)-1-B	19.5	25.9	18			
CHLQ28-7/18B(P)-1-B						
CHLQ28-19/22B(P)-1-B						
CHLQ28-10/22B(P)-1-B	23	29.4	22			
CHLQ28-7/22B(P)-1-B						
CHLQ28-19/24B(P)-1-B						
CHLQ28-32/27B-1-B	27	33.4	27			
CHLQ28-19/27B-1-B						
CHLQ28-28/27B-1-B						
CHLQ28-41/30B-1-B	31	37.8	30			
CHLQ28-24/30B-1-B						
CHLQ28-55/33B-1-B	34	41.5	33			
CHLQ28-32/33B-1-B						
CHLQ28-61/36B-1-B	36.5	44.5	36			
CHLQ28-43/36B-1-B						
CHLQ28-45/39B-1-B						

Number of Contacts /Shell number	Variable key position angle				Contact volume distribution
	α (a)	β (b)	γ (c)	δ (d)	
4/14	-	135°	-	-	
3/14	160°	-	-	-	
10/18	-	70°	-	-	
7/18	90°	-	-	-	
19/22	30°	-	225°	-	
10/22	-	100°	195°	-	

Number of Contacts /Shell number	Variable key position angle				Contact volume distribution
	α (a)	β (b)	γ (c)	δ (d)	
7/22	80°	170°	225°	-	
19/24	30°	120°	245°	-	
19/27	30°	195°	-	-	
28/27	45°	150°	195°	-	
32/27	45°	135°	-	270°	

Number of Contacts /Shell number	Variable key position angle				Contact volume distribution
	α (a)	β (b)	γ (c)	δ (d)	
41/30	45°	90°	-	-	
24/30	90°	135°	200°	-	
32/33	90°	120°	-	-	
55/33	75°	90°	-	165°	
43/36	90°	135°	200°	250°	

Number of Contacts /Shell number	Variable key position angle				Contact volume distribution
	α (a)	β (b)	γ (c)	δ (d)	
61/36	90°	160°	190°	-	
45/39	90°	180°	270°	315°	