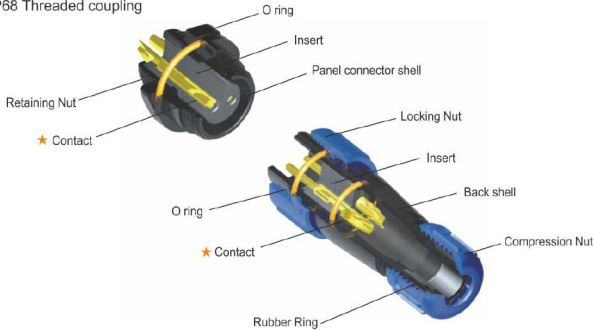


WATERPROOF CONNECTIVITY

IP68 CIRCULAR CONNECTORS, PLASTIC



LK13/LK16/LK21 IP68 Threaded coupling



Material and Specification		
Product Type	Connector	Overmolded Cable Assemblies
Coupling	Threaded coupling	Threaded coupling
Shell material	Nylon66, fire resistance: V-0	PC, PVC, fire resistance: V-0 Locking nut material: anodized aluminum
Insert material	PPS max temperature 260℃, fire resistance: V-0	PPS max temperature 260℃, fire resistance: V-0
Contact material	Brass with gold plating	Bass with gold plating
Termination	LK13: solder, LK16: solder/crimp, LK21: solder/screw/crimp	
Cable outer diameter range	LK13 I: 4-6.5mm LK13 II: 5-8mm LK16: 6-10mm LK21 I: 4-5.7mm LK21 II: 7-12mm	
IP rating	IP68	IP66
Mating cycle	> 500	> 500
Temperature range	-25℃+85℃	-25℃+85℃
Insulation resistance m ²	2000	2000

3P+E 30kV 60Hz
4N 4E 4S3P+E 250V 60Hz
5N 5E 5S3P+E 400V 60Hz
6N 6E 6S3P+E 500V 60Hz
7N 7E 7S3P+E 500V 100Hz
10N 10E 10S3P+E 300V 100Hz
2N 2E 2S3
2P+E4
3P+E6
3P+N+E

LK13 SERIES IP68

IP68 CIRCULAR CONNECTORS, PLASTIC

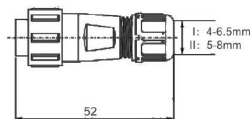
Cable Connector

Mate with LK1311, LK1312



LK1310/P _ _ _ _

LK1310/S _ _ _ _



C: with cap, N: without cap
Cable outer diameter: I: 4-6.5mm, II: 5-8mm
Number of contact: 2, 3, 4, 5, 7

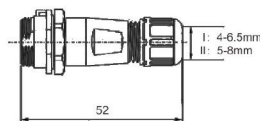
In-line cable connector

Mate with LK1310



LK1311/P _ _ _ _

LK1311/S _ _ _ _



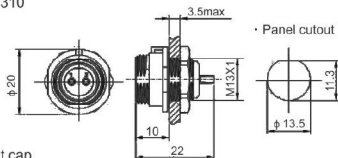
Front Mount

Mate with LK1310



LK1312/P _ _ _

LK1312/S _ _ _



C: with cap, N: without cap
Number of contact: 2, 3, 4, 5, 7

CONTACT ARRANGEMENT AND SPEC FOR SOLDER TERMINATION

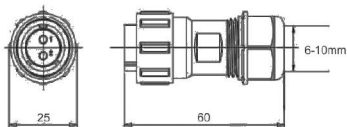
Number of contact	2	3	4	5	7
Male contact face view					
Rated current (A)	10A	5A	5A	5A	5A
Contact diameter(Φmm)	φ 1.8 × 2	φ 1 × 3	φ 1 × 4	φ 1 × 5	φ 1 × 7
Rated voltage (AC.V)	250V	250V	250V	250V	250V
Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V
Contact resistance MΩ	2	5	5	5	5
Wire size mm ² /AWG	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

LK16 SERIES IP68

IP68 CIRCULAR CONNECTORS, PLASTIC

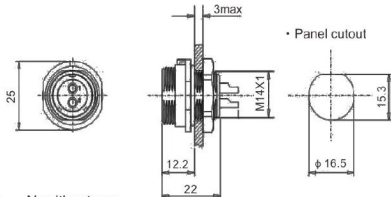
Cable Connector

Mate with LK1611, LK1612



Front mount

Mate with LK1610



CONTACT ARRANGEMENT AND SPEC FOR SOLDER TERMINATION

Number of contact	2	3	4	5	7	9
Male contact face view						
Rated current (A)	10A	5A	5A	5A	5A	5A
Contact diameter(Φ mm)	φ 1.8 × 2	φ 1.8 × 3	φ 1 × 4	φ 1 × 5	φ 1 × 7	φ 1 × 9
Rated voltage (AC.V)	250V	250V	250V	250V	250V	250V
Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance M.Ω	2	2	5	5	5	5
Wire size mm/AWG	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

150V
50kVA250V
50kVA400V
50kVA500V
50kVA100-300V
100-1000VA100-300V
100-1000VA

2P+E



3P+E



3P+N+E

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LK21 SERIES IP68

IP68 CIRCULAR CONNECTORS, PLASTIC

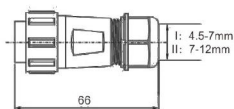


LK2110/P

LK2110/S

Cable Connector

Mate with LK2111, LK2112, LK2113



C: with cap, N: without cap

1: solder 2: screw 3: crimp

Cable outer diameter I: 4.5-7mm II: 7-12mm

Number of contact: 2. 3. 4. 5. 7. 9. 12

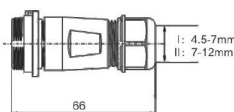
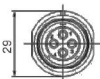


LK2111/P

LK2111/S

In-line cable connector

Mate with LK2110

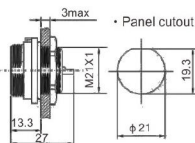


LK2112/P

LK2112/S

Front mount

Mate with LK2110

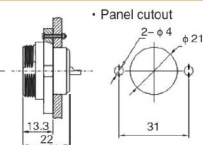
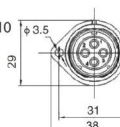


LK2113/P

LK2113/S

Front mount

Mate with LK2110



C: with cap, N: without cap

1: solder 2: screw 3: crimp

Number of contact: 2. 3. 4. 5. 7. 9. 12

Number of contact	2	3	4	5	7	9	12
Male contact face view							
Rated current (A)	25A	25A	25A	25A	10A	5A	5A
Contact diameter(φmm)	φ 2.8 × 2	φ 2.8 × 3	φ 2.8 × 4	φ 2.8 × 5	φ 1.8 × 7	φ 1 × 9	φ 1 × 12
Rated voltage (AC.V)	250V	250V	250V	250V	250V	250V	250V
Test voltage (AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance MΩ	1	1	1	1	2	5	5
Wire size mm ² /AWG	≤4.17/11	≤4.17/11	≤4.17/11	≤4.17/11	≤2/14	≤0.785/18	≤0.785/18