HK-004/4 Combination crimp inserts

690/250V 70/16A 4/4+⏚

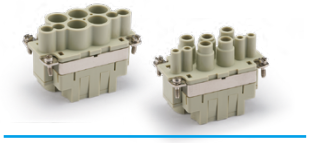
CE EAC

Inserts

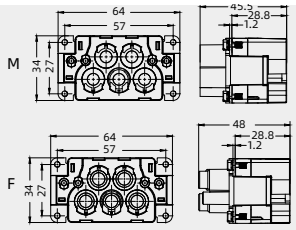
Hoods/Housings: size 10B, please find the details on page 15-39~15-69.

Crimp terminal

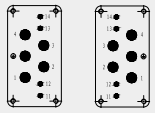
order crimp contacts separately



Insert	Designation	Order No.
Male	HK-004/4-MC	128 008 010 0001
Female	HK-004/4-FC	128 008 020 0001



Contact arrangement view from termination side



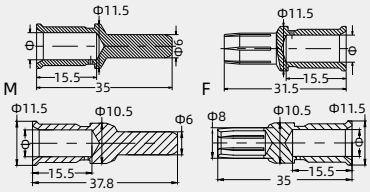
Crimp contacts

Crimp contacts 70A

silver plated
Contact resistance ≤ 0.5mΩ

PE Contact

Male	Order No.	Female	Order No.
CKSM70-6	101 034 110 1301	CKSF70-6	101 034 120 1301
CKSM70-10	101 034 110 1401	CKSF70-10	101 034 120 1401
CKSM70-16	101 034 110 1501	CKSF70-16	101 034 120 1501
CKSM70-25	101 034 110 1601	CKSF70-25	101 034 120 1601
CKSM70PE-10	101 034 110 1404	CKSF70PE-10	101 034 120 1404
CKSM70PE-16	101 034 110 1504	CKSF70PE-16	101 034 120 1504
CKSM70PE-25	101 034 110 1604	CKSF70PE-25	101 034 120 1604



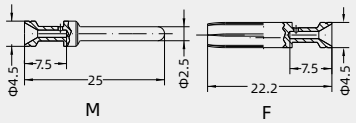
Wire gauge	Φ	Stripping length
6 mm²	3.5	15.5 mm
10 mm²	4.3	15.5 mm
16mm²	5.5	15.5 mm
25 mm²	7	15.5 mm
for stranded wires acc. to IEC 60 228 class 5		

Crimp contacts 16A

silver plated
Contact resistance ≤ 1mΩ

Male	Order No.	Female	Order No.
CESM-0.37	101 019 110 0301	CESF-0.37	101 019 120 0301
CESM-0.50	101 019 110 0401	CESF-0.50	101 019 120 0401
CESM-0.75	101 019 110 0601	CESF-0.75	101 019 120 0601
CESM-1.0	101 019 110 0801	CESF-1.0	101 019 120 0801
CESM-1.5	101 019 110 0901	CESF-1.5	101 019 120 0901
CESM-2.5	101 019 110 1001	CESF-2.5	101 019 120 1001
CESM-3.0	101 019 110 1101	CESF-3.0	101 019 120 1101
CESM-4.0	101 019 110 1201	CESF-4.0	101 019 120 1201

More crimp contacts 16A see P13-04.



Identification	Wire gauge		Stripping length
no groove	0.14-0.37 mm²	AWG 26-22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 grooves	1.5 mm²	AWG 16	7.5mm
3 grooves	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

When the wire gauge is less than 0.75mm2,it's better to use the auxiliary pin assembly tool TL15.

Tools

Manual hydraulic clamp

Wire gauge	Designation	Order No.
10-240mm²	TL05	198 001 001 0005

Remark: for wire gauge 6mm²,need to order 2980010010037 TL05 6C die separately.

Crimping tool

Wire gauge	Designation	Order No.
0.5-4mm²	TL02G	198 001 001 0011

Wire gauge:16A crimp contacts 0.14-0.37mm²please select TL02 crimping tool.

Contact removal tool

Application	Designation	Order No.
for crimp contacts 70A	TL12	198 001 000 0024
for crimp contacts 16A	TL01	198 001 000 0002

Notes: The tools for crimp terminal may influence the product quality and stability. Please select the tools recognized by our company.