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RoHS Compliance

Material:

Housing:Polycarbonate,UL 94 V-0

Colour:RAL 7032 (Light grey)

Contacts:Copper Alloy,Hard-silver plated

Wire gauge:

Power arera:1.5~16mm² / 16~6 AWG

Signal arera:0.5~2.5mm² / 20~14 AWG

Tightening tourque:

Power area:

mm²:1.5 2.5 4 6 10 16

N.m:1.2 2 3 3 3 3

Signal contacts:0.5N.m

Stripping length:

Powe contact:14mm

Spignal contacts:7.5mm

Terminal:screw terminal

Electrical Characteristics:

Number of contacts:4/8+PE

Power Area:

Rated Current:80A

Rated Voltage:830V

Rated Impulse Voltage:8KV

Signal Area:

Current Rated:16A

Voltage Rated:400V

Rated Impulse Voltage:6KV

Pollution Degree:3

Rated voltage acc.to UL /CSA:600V/600V

Insulation Resistance:10¹⁰ Ω Min

Contact resistance:

Power contacts:0.3 mΩ Max

Signal contacts:1 mΩ Max

Limiting Temperatures:-40℃~+125℃

Mating cycles:500 Times Min

REV

SYM

Revision Record

Appr.

Date

V0

KLS01695

New Version Release

WuHao

2025-05-19

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9

10

11

12

104

111

27

34

M3×10

17.5

1.2

27

42

104

95

5

8-φ3.3

14

35

27

71

Panel Cut Out

Order Information:

L-KLS1-HK-004-8 M

L:RoHS

HK series

No of contacts

Type:

Male screw terminal

ANGLE TOLERANCE

PROJECTION

Description:

Heavy Duty Connectors,HK series

4+8 Contacts,Male screw terminal

GENERAL TOLERANCE

UNITS

mm

KLS P/N:

L-KLS1-HK-004-8M

x.x

±0.30

SHEET SIZE

A4

x.xx

±0.20

Draw:

WuHao

2025-05-19

x.xxx

±0.10

Check:

Daniel

2025-05-19

KLS

NingBo KLS ELECTRONIC CO.,LTD.

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