



Flame retardant rating , compliant with UL94	V2
Insulation resistance	□1000MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED

## Connection data-IEC

Rated voltage (V)	800
Rated current (A)	41
Rated voltage (III/3)(V)	800
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm <sup>2</sup> )	0.2
Conductor cross section solid.max (mm <sup>2</sup> )	6
Conductor cross section stranded. min (mm <sup>2</sup> )	0.2
Conductor cross section stranded. max (mm <sup>2</sup> )	6
Screw thread	M4
Philips screwdriver size	PH2
Rated torque (N.m)	1.2~2
Recommend tightening torque. min (N.m)	1.2
Recommend tightening torque. max (N.m)	2
Stripping Length (mm)	The stripping length depends on the specification provided by the cablelug manufacturer.
Mounting rail	TS-35N · TS-35/15N
End cover plate required	YES
Grounding connections	NO

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	45
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	45
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	45
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	8
Min. stranded wire connection AWG acc. to UL/CUL	24

Max. stranded wire connection AWG acc. to UL/CUL	8
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## Environment & Safety

Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	NO
Operating temperature. max (°C)	125
Operating temperature. min (°C)	-40

## UL Recognized

Wire Range (Group B)(AWG)	24-8/(2)24-(2)10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	45/60
Wire Range (Group C)(AWG)	24-8/(2)24-(2)10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	45/60
Wire Range (Group D)(AWG)	24-8/(2)24-(2)10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

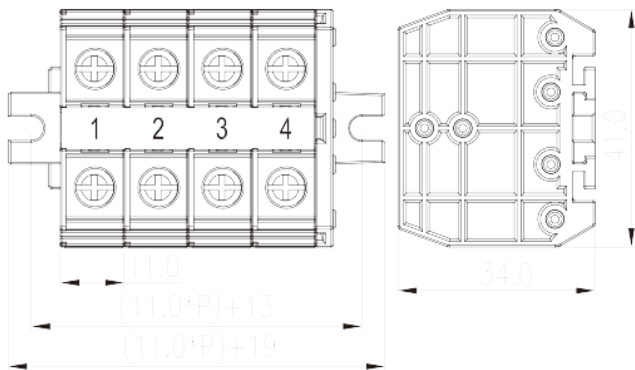
## CUL Recognized

Wire Range (Group B)(AWG)	24-8/(2)24-(2)10
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	45/60
Wire Range (Group C)(AWG)	24-8/(2)24-(2)10
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	45/60
Wire Range (Group D)(AWG)	24-8/(2)24-(2)10
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## VDE Approval

Wire Range (mm <sup>2</sup> )	0.2~6
Rated voltage (V)	800
Rated current (A)	41

## Drawings



## Approvals

