

Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED

Connection data-IEC

Rated voltage (V)	320
Rated current (A)	24
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm ²)	0.5
Conductor cross section solid.max (mm ²)	2.5
Conductor cross section stranded. min (mm ²)	0.5
Conductor cross section stranded. max (mm ²)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	1.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	1.5
2 conductors with same cross section, solid, max (mm ²)	1
2 conductors with same cross section, stranded, max (mm ²)	1
Screw thread	M2.5
Rated torque (N.m)	0.5
Stripping Length (mm)	6~7

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	20

Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	20
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	12

Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

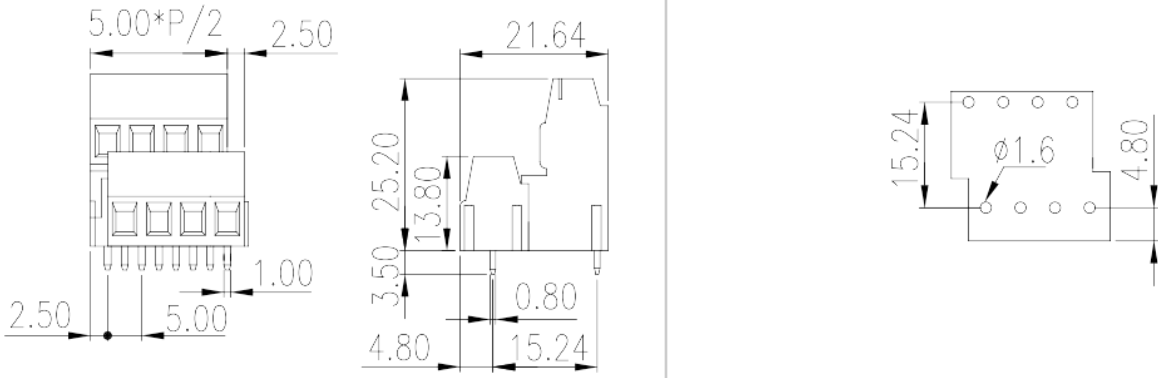
Wire Range (Group B)(AWG)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	20

CUL Recognized

Wire Range (Group B)(AWG)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Ranget (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	20

Drawings

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Approvals

