

Insulation material	PA66
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)	630
Rated current (A)	24
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	630
Rated voltage (III/3)(V)	320
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm ²)	0.2
Conductor cross section solid.max (mm ²)	2.5
Conductor cross section stranded. min (mm ²)	0.2
Conductor cross section stranded. max (mm ²)	2.5
2 conductors with same cross section, solid, max (mm ²)	1.5
2 conductors with same cross section, stranded, max (mm ²)	1.5
Screw thread	M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4.0
Philips screwdriver size	PH2
Rated torque (N.m)	1.4
Recommend tightening torque. min (N.m)	0.5
Recommend tightening torque. max (N.m)	1.4
Stripping Length (mm)	7~8

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	20
Rated voltage (UL/CUL Group C)(V)	150

Rated current (UL/CUL Group C)(A)	20
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10
Min. solid wire connection (AWG) acc. to UL/CUL	22
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	22
Max. stranded wire connection AWG acc. to UL/CUL	12

Environment & Safety

Back of the hand protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

Wire Range (Group B)(AWG)	22~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	22~12
Rated voltage (Group C)(V)	150
Rated current (Group C)(A)	20
Wire Range (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

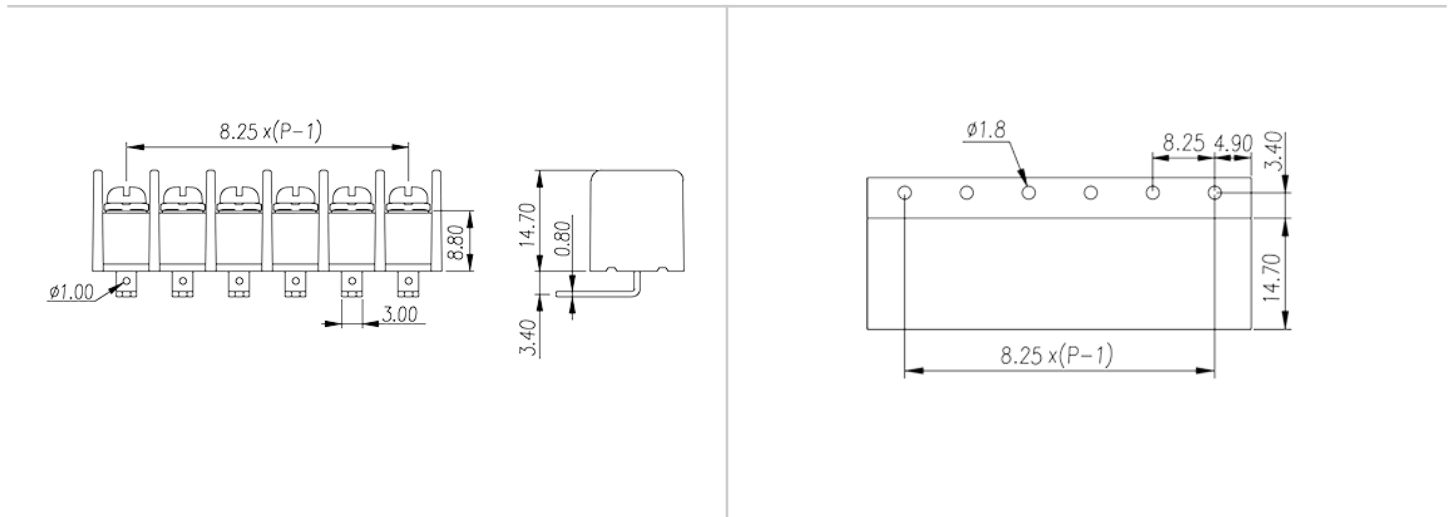
CUL Recognized

Wire Range (Group B)(AWG)	22~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	20
Wire Range (Group C)(AWG)	22~12
Rated voltage (Group C)(V)	150
Rated current (Group C)(A)	20
Wire Ranget (Group D)(AWG)	22~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

CSA

Wire Range (AWG)	22~16
Rated voltage (V)	300
Rated current (A)	15

Drawings



Approvals

