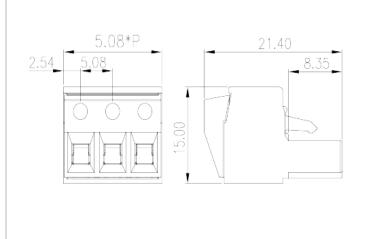


2ESDVS-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-06-23





The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design.

The final product is made according to engineering drawing.

Product Description

Pitch: 5.08mm, M2.5, 300V, 15A

General information

Short description	PCB Connector-Plug, Screw Connection
Category	PCB Connector – Plug
Pitch (mm)	5.08
Color	Green (default)
Connection method	Screw Connection
Type of locking	Without
Length (mm)	15.24
Width (mm)	21.4
Height (mm)	15
Number of positions	03P
Level	Single level
Connection points	3

Material information

Insulation material	PA
Insulation material group	I



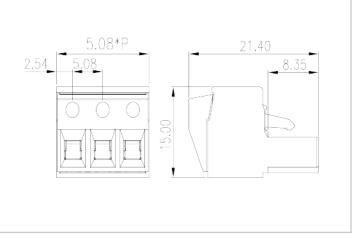
Conductor material COPPER ALLOY Plating of conductor surface Tin PLATED Connection data-IEC Rated voltage (V) 630 Rated current (A) 18 Rated voltage (II/2)(V) 630 Rated voltage (III/2) (V) 320 Rated voltage (III/2) (V) 320 Rated voltage (III/2) (W) 320 Rated voltage (III/2) (W) 4 Rated impulse voltage (III/2)(KV) 4 Rated impulse voltage (III/2)(KV) 4 Rated impulse voltage (III/2)(KV) 4 Conductor cross section solid. min (mm²) 0.2 Conductor cross section stranded. min (mm²) 2.5 Conductor cross section stranded. max (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) 2.5	Flame retardant rating , compliant with UL94	V0
Plating of conductor surface Connection data-IEC Rated voltage (V) Rated current (A) Rated voltage (II/2)(V) Rated voltage (III/2)(V) Rated voltage (III/3)(V) Rated voltage (III/3)(V) Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/3)(KV) A Rated impulse voltage (III/3)(KV) A Rated impulse voltage (III/3)(KV) Conductor cross section solid. min (mm²) Conductor cross section solid. min (mm²) Conductor cross section stranded. min (mm²) Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section flexible, with min ferrule with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule without plastic sleeve (mm²)	Insulation resistance	\square 500Μ Ω at DC 500V
Connection data-IEC Rated voltage (V) 630 Rated current (A) 18 Rated voltage (II/2) (V) 630 Rated voltage (III/2) (V) 320 Rated voltage (III/2) (V) 320 Rated impulse voltage (III/2) (KV) 4 Rated impulse voltage (III/3)(KV) 4 Rated impulse voltage (III/3)(KV) 4 Rated impulse voltage (III/3)(KV) 4 Conductor cross section solid. min (mm²) 0.2 Conductor cross section solid. min (mm²) 2 Conductor cross section stranded. min (mm²) 2 Conductor cross section stranded. min (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 1.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 1.5 Conductor cross section flexible, with max ferrule with 2.5 conductors with same cross section, solid, min (mm²) 2.2 conductors with same cross section, stranded, min (mm²) 1.2 conductors with same cross section, stranded, min 0.2 conductors with same cross section, stranded, min 0.2 conductors with same cross section flexible, with min ferrule with min ferrule with plastic sleeve (mm²) 1.5 conductors with same cross section flexible, with min ferrule with min ferrule with plastic sleeve (mm²) 1.5 conductors with same cross section flexible, with min ferrule with min ferrule with plastic sleeve (mm²) 1.5 conductors with same cross section flexible, with min ferrule with min win ferrule with plastic sleeve (mm²) 1.5 conductors with same cross section flexible, with max ferrule with with plastic sleeve (mm²) 1.5	Conductor material	COPPER ALLOY
Rated voltage (V) Rated current (A) Rated current (A) Rated voltage (III/2) (V) Rated voltage (III/2) (V) Rated voltage (III/3) (V) Rated voltage (III/3) (V) Rated impulse voltage (III/2) (KV) Rated impulse voltage (III/3) (KV) Rated voltage (III/3) (KV) Rated impulse voltage (III/3) (KV) Rated voltage (III/3) (KV) Rate	Plating of conductor surface	Tin PLATED
Rated current (A) 18 Rated voltage (II/2) (V) 630 Rated voltage (III/2) (V) 320 Rated voltage (III/3) (V) 320 Rated voltage (III/3) (V) 4 Rated impulse voltage (III/2) (KV) 4 Rated impulse voltage (III/2) (KV) 4 Rated impulse voltage (III/3) (KV) 4 Rated impulse voltage (III/3) (KV) 4 Conductor cross section solid. min (mm²) 0.2 Conductor cross section solid. min (mm²) 2.2 Conductor cross section stranded. min (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 3.2 Conductors with same cross section, solid, min (mm²) 3.2 2 conductors with same cross section, stranded, min (mm²) 3.2 2 conductors with same cross section, stranded, max (mm²) 3.2 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 3.5 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 3.5 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 3.5 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 3.5 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 3.5 2 conductors with same cross section flexible, min twin ferrule without plastic sleeve (mm²) 3.5	Connection data-IEC	
Rated voltage (II/2)(V) 630 Rated voltage (III/2) (V) 320 Rated voltage (III/3)(V) 320 Rated voltage (III/3)(V) 4 Rated impulse voltage (III/2)(KV) 4 Rated impulse voltage (III/2)(KV) 4 Rated impulse voltage (III/3)(KV) 4 Conductor cross section solid. min (mm²) 0.2 Conductor cross section solid.max (mm²) 4 Conductor cross section stranded. min (mm²) 2 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 4 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 1 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 1 2 conductors with same cross section, solid, min (mm²) 2 2 conductors with same cross section, solid, max (mm²) 1 2 conductors with same cross section, stranded, min 1 Conductors with same cross section, stranded, min 1 Conductors with same cross section flexible, with min ferrule with plastic sleeve (mm²) 1 2 conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, with min 1 Conductors with same cross section flexible, min twin 1 Conductors with same cross section flexible, min twin 1 Conductors with same cross section flexible, min twin 1	Rated voltage (V)	630
Rated voltage (III/2) (V) Rated voltage (III/3)(V) Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/3)(KV) Rated impulse voltage (III/3)(KV) 4 Rated impulse voltage (III/3)(KV) 4 Conductor cross section solid. min (mm²) 0.2 Conductor cross section solid.max (mm²) 4 Conductor cross section stranded. min (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2 conductor symbolic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Rated current (A)	18
Rated voltage (III/3)(V) Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/2)(KV) 4 Rated impulse voltage (III/3)(KV) 4 Conductor cross section solid. min (mm²) 0.2 Conductor cross section solid.max (mm²) 4 Conductor cross section stranded. min (mm²) 2.5 Conductor cross section stranded. max (mm²) 2.5 Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) 2 conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²)	Rated voltage (II/2)(V)	630
Rated impulse voltage (II/2)(KV) Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/3)(KV) A Conductor cross section solid. min (mm²) Conductor cross section solid. min (mm²) Conductor cross section stranded. min (mm²) Conductor cross section stranded. min (mm²) Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Rated voltage (III/2) (V)	320
Rated impulse voltage (III/2)(KV) Rated impulse voltage (III/3)(KV) 4 Conductor cross section solid. min (mm²) Conductor cross section solid.max (mm²) Conductor cross section stranded. min (mm²) 2 Conductor cross section stranded. min (mm²) 2.5 Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Rated voltage (III/3)(V)	320
Rated impulse voltage (III/3)(KV) Conductor cross section solid. min (mm²) Conductor cross section solid.max (mm²) Conductor cross section stranded. min (mm²) Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2.5 Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Rated impulse voltage (II/2)(KV)	4
Conductor cross section solid. min (mm²) Conductor cross section solid.max (mm²) Conductor cross section stranded. min (mm²) Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Rated impulse voltage (III/2)(KV)	4
Conductor cross section solid.max (mm²) Conductor cross section stranded. min (mm²) Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductor section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Rated impulse voltage (III/3)(KV)	4
Conductor cross section stranded. min (mm²) Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Conductor cross section solid. min (mm²)	0.2
Conductor cross section stranded. max (mm²) Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²)	Conductor cross section solid.max (mm²)	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrule with plastic sleeve (mm²)	Conductor cross section stranded. min (mm²)	.2
without plastic sleeve (mm²) Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with same cross section flexible, max twin 1.5	Conductor cross section stranded. max (mm²)	2.5
without plastic sleeve (mm²) Conductor cross section flexible, with min ferrule with plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.2
plastic sleeve (mm²) Conductor cross section flexible, with max ferrule with plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	2.5
plastic sleeve (mm²) 2 conductors with same cross section, solid, min (mm²) 2 conductors with same cross section, solid, max (mm²) 1 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with same cross section flexible, max twin 1.5	Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
2 conductors with same cross section, solid, max (mm²) 2 conductors with same cross section, stranded, min (mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 1.5	Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	2.5
2 conductors with same cross section, stranded, min 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 1.5	2 conductors with same cross section, solid, min (mm²)	0.2
(mm²) 2 conductors with same cross section, stranded, max (mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 1.5	2 conductors with same cross section, solid, max (mm²)	1
(mm²) 2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 2 conductors with same cross section flexible, max twin 1.5	2 conductors with same cross section, stranded, min (mm²)	0.2
ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 1.5	2 conductors with same cross section, stranded, max (mm²)	1.5
ferrule without plastic sleeve (mm²) 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 1.5	2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
ferrules with plastic sleeve (mm²) 2 conductors with same cross section flexible, max twin 1.5	2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	1
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5
	2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	1.5

Screw thread	M2.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Recommend tightening torque. min (N.m)	0.4
Recommend tightening torque. max (N.m)	0.6
Stripping Length (mm)	7~8
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	15
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	28
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	12
Finger protection (YES or NO) Operating temperature. max (°C)	YES 120
Operating temperature. min (°C)	-40
JL Recognized	
Wire Range (Group B)(AWG)	28~12(sol); 30~12(str)
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	15
Wire Range (Group D)(AWG)	28~12(sol); 30~12(str)
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10
CUL Recognized	
Wire Range (Group B)(AWG)	28~12(sol); 30~12(str)
Rated voltage (Group B)(V)	300
Rated voltage (Group B)(V) Rated current (Group B)(A)	300 15

Rated current (Group D)(A)

10

Drawings



Approvals





