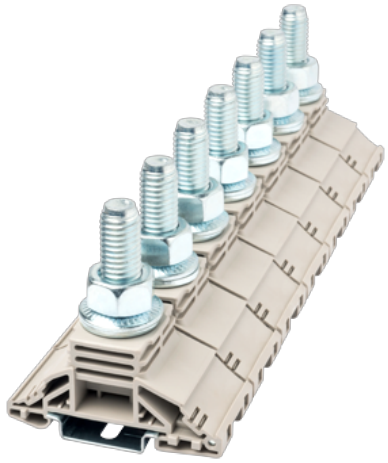
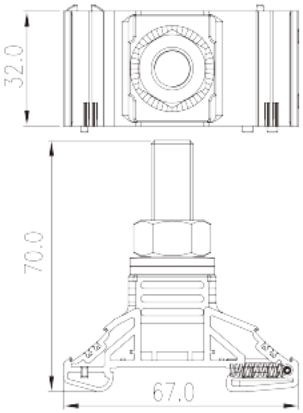
DKM12

DIN Rail Terminal Blocks > Stud Connection

Date:2026-11-28Version:1.2





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Product Description

M12, 1000V, 255A, Beige (default)

General information

Short description	DIN Rail terminal blocks, Stud Connection
Category	Feed-Through single level
Color	Beige (default)
Connection method	Stud Connection
Type of locking	Rail Mounting
Length (mm)	67
Width (mm)	32
Height (mm)	70
Level	Single level
Connection points	1

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V

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Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	269
Rated voltage (III/3)(V)	1000
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	6
Conductor cross section solid.max (mm²)	120
Conductor cross section stranded. min (mm²)	6
Conductor cross section stranded. max (mm²)	120
Screw thread	M12
Recommend tightening torque. min (N.m)	14
Recommend tightening torque. max (N.m)	30
Mounting rail	TS-35
End cover plate required	NO
Grounding connections	NO

Connection data-UL

Rated voltage (UL/CUL Group E)(V)	1000
Rated current (UL/CUL Group E)(A)	255
Min. solid wire connection (AWG) acc. to UL/CUL	10
Max. solid wire connection AWG acc. to UL/CUL	250Kcmil

Environment & Safety

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

UL Recognized

Wire Range (Group E)(AWG)	10AWG~250Kcmil
Rated voltage (Group E)(V)	1000
Rated current (Group E)(A)	255

CUL Recognized

Wire Range (Group E)(AWG)	10AWG~250Kcmil

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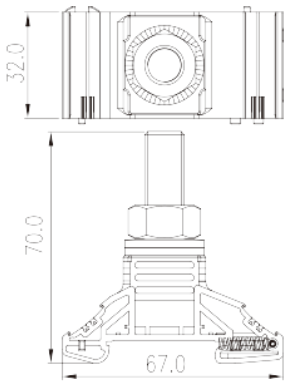
Rated voltage (Group E)(V)	1000
Rated current (Group E)(A)	255

Drawings



Approvals

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