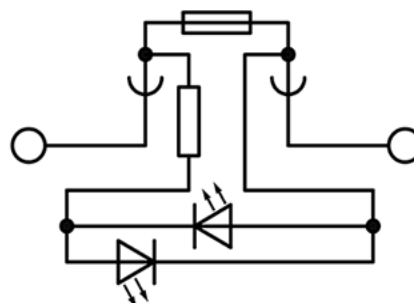
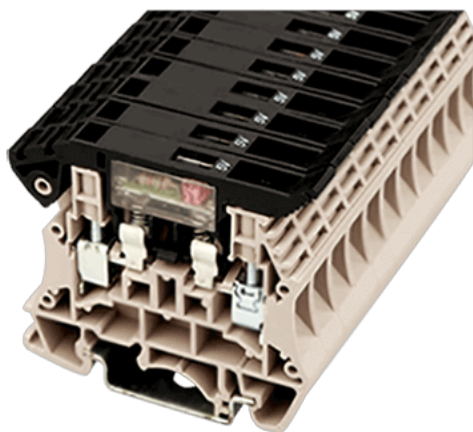


DK4-TFL(5X20)

DIN Rail Terminal Blocks > Screw Connection

Date:2020-11-05Version:1.2



circuit diagram

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

M3, 300V, 16A, Grey (default)

General information

Short description	DIN Rail Terminal Blocks, Fuse Terminal Blocks
Category	Fuse Terminal Blocks
Color	Grey (default)
Connection method	Screw Connection
Type of locking	Rail Mounting
Length (mm)	8
Width (mm)	60.5
Height (mm)	55
Level	Single level
Connection points	2

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

Connection data-IEC

Rated voltage (V)	800
Rated current (A)	6.3
Rated voltage (III/2) (V)	800
Rated impulse voltage (II/2)(KV)	8
Rated impulse voltage (III/2)(KV)	8
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm ²)	0.5
Conductor cross section solid.max (mm ²)	4
Conductor cross section stranded. min (mm ²)	0.5
Conductor cross section stranded. max (mm ²)	4
Conductor cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm ²)	4
Conductor cross section flexible, with min ferrule with plastic sleeve (mm ²)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm ²)	4
2 conductors with same cross section, solid, max (mm ²)	2.5
2 conductors with same cross section, stranded, max (mm ²)	2.5
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm ²)	2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm ²)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm ²)	2.5
Screw thread	M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Rated torque (N.m)	0.8
Stripping Length (mm)	10~12
Mounting rail	TS-35
End cover plate required	YES
Grounding connections	NO

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	16
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	16
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	16
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

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

UL Recognized

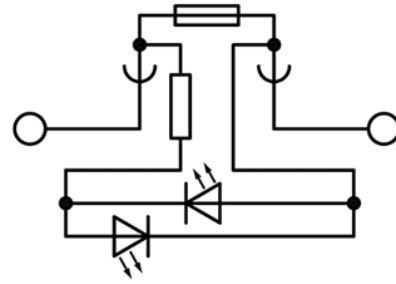
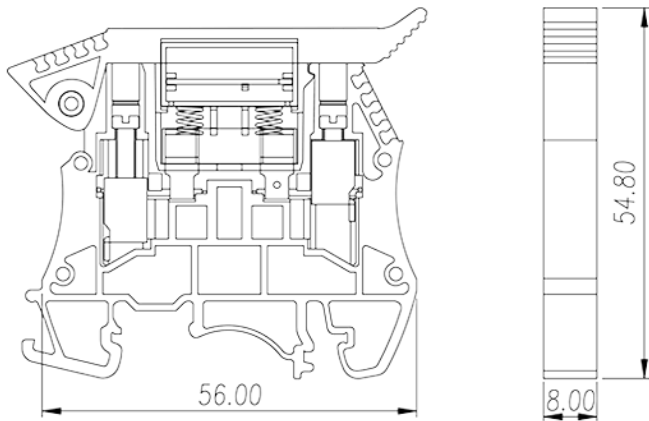
Wire Range (Group B)(AWG)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	16
Wire Range (Group C)(AWG)	24~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	16
Wire Range (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	16

CUL Recognized

Wire Range (Group B)(AWG)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	16
Wire Range (Group C)(AWG)	24~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	16

Wire Ranget (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	16

Drawings



circuit diagram

Nom Voltage	Order No.
5V	DK4-TFL5 (5x20)
12V	DK4-TFL12 (5x20)
24V	DK4-TFL24 (5x20)
48V	DK4-TFL48 (5x20)
110V	DK4-TFL110 (5x20)
220V	DK4-TFL220 (5x20)
300V	DK4-TFL300 (5x20)

※The order number shall include the required voltage rating.

Approvals

