

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

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Lever-type fuse terminal block, black, for 5 x 20 mm G fuse inserts, with LED for 60 V DC

Product Features

- ✓ An extremely compact design
- ✓ Tested for railway applications
- ✓ Test connection on both sides in safety lever



Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Weight per Piece (excluding packing)	17.96 GRM
Custom tariff number	85369085
Country of origin	China

Technical data

General

Note	The current is determined by the fuse used, the voltage by the selected LED. If the fuse is faulty, the downstream circuit will not be disconnected.
Number of levels	1
Number of connections	2
Color	black
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering

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Technical data

General

Fuse	G / 5 x 20
Fuse type	Glass
Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-3
Nominal current I_N	6.3 A
Nominal voltage U_N	60 V
Power loss	max. 1.6 W (With single arrangement of the fuse terminal block in the event of overload)
	max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload)
	max. 4 W (With single arrangement of the fuse terminal block in the event of a short-circuit)
	max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit)
LED voltage range	30 V AC/DC ... 60 V AC/DC
LED current range	0.4 mA ... 0.86 mA
Open side panel	ja

Dimensions

Width	6.2 mm
Length	82.5 mm
Height NS 35/7,5	64.9 mm
Height NS 35/15	72.4 mm

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	14
Connection method	Quick connection

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GL / BV / DNV / ABS / NK / IECCEB Scheme / KEMA-KEUR / IECCEB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Approvals

CSA 		
	B	C
mm²/AWG/kcmil	20-14	20-14
Nominal current I _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

UL Recognized 				
		B	C	D
mm²/AWG/kcmil	20-14	20-14	20-14	20-14
Nominal current I _N	15 A	15 A	15 A	10 A
Nominal voltage U _N	300 V	300 V	150 V	300 V

KEMA-KEUR 	
mm²/AWG/kcmil	0.5-2.5
Nominal current I _N	6.3 A
Nominal voltage U _N	60 V

cUL Recognized 				
		B	C	D
mm²/AWG/kcmil	20-14	20-14	20-14	20-14
Nominal current I _N	15 A	15 A	15 A	10 A
Nominal voltage U _N	300 V	300 V	150 V	300 V

GL

BV

DNV

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Approvals

ABS

NK

IECEE CB Scheme 	
mm²/AWG/kcmil	0.5-2.5
Nominal current IN	6.3 A
Nominal voltage UN	60 V

KEMA-KEUR 	
mm²/AWG/kcmil	0.5-2.5
Nominal current IN	6.3 A
Nominal voltage UN	60 V

IECEE CB Scheme 	
mm²/AWG/kcmil	0.5-2.5
Nominal current IN	6.3 A
Nominal voltage UN	60 V

cULus Recognized 	
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Accessories

Accessories

Bridge

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

Connection pin - VS - 3004207



Connection pin, Length: 1000 mm, Color: gray

Plug-in bridge - FBS 2-6 - 3030336



Plug-in bridge, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-6 - 3030242



Plug-in bridge, Number of positions: 3, Color: red

Plug-in bridge - FBS 4-6 - 3030255



Plug-in bridge, Number of positions: 4, Color: red

Plug-in bridge - FBS 5-6 - 3030349



Plug-in bridge, Number of positions: 5, Color: red

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

Plug-in bridge - FBS 10-6 - 3030271



Plug-in bridge, Number of positions: 10, Color: red

Plug-in bridge - FBS 20-6 - 3030365



Plug-in bridge, Number of positions: 20, Color: red

Plug-in bridge - FBS 50-6 - 3032224



Plug-in bridge, Number of positions: 50, Color: red

Documentation

Mounting material - QTC-IL - 3039926



Operating decal for the QTS terminal block

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

End clamp - CLIPFIX 35-5 - 3022276



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

End cover

End cover - D-QTC 2,5-TWIN - 3206571



End cover, Length: 82.5 mm, Width: 2.2 mm, Color: gray

Spacer plate - DP PS-6 - 3036738



Spacer plate, Color: red

Labeled terminal marker

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

Zack marker strip - ZB 5 CUS - 0824962



Zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

Marker for terminal blocks - UC-TM 5 CUS - 0824581



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

Marker for terminal blocks - UCT-TM 5 CUS - 0829595



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into tall marker groove, Lettering field: 4.6 x 10.5 mm

Zack Marker strip, flat - ZBF 6 CUS - 0825027



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - UC-TMF 6 CUS - 0824646



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 5.1 mm

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

Marker for terminal blocks - UCT-TMF 6 CUS - 0829665



Marker for terminal blocks, Can be ordered: By sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 5.4 x 4.7 mm

Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

DIN rail - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5

Screwdriver tools

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

Marker for terminal blocks - UC-TM 5 - 0818108



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 10.5 x 4.6 mm

Marker for terminal blocks - UCT-TM 5 - 0828734



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 mm

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

Marker for terminal blocks - UC-TMF 6 - 0818140



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 5.6 x 5.1 mm

Marker for terminal blocks - UCT-TMF 6 - 0828746



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: THERMOMARK CARD PLUS, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, Mounting type: Snap into flat marker groove, For terminal block width: 6.2 mm, Lettering field: 5.4 x 4.7 mm

Test plug terminal block

Test adapter - PS-4/E - 3036709



Test adapter, Color: red

Test adapter - PAI-4-N GY - 3032871



Test adapter, Color: gray

Test adapter - PS-6 - 3030996



Test adapter, Color: red

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Accessories

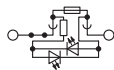
Test plugs - PS-6/2,3MM RD - 3038736



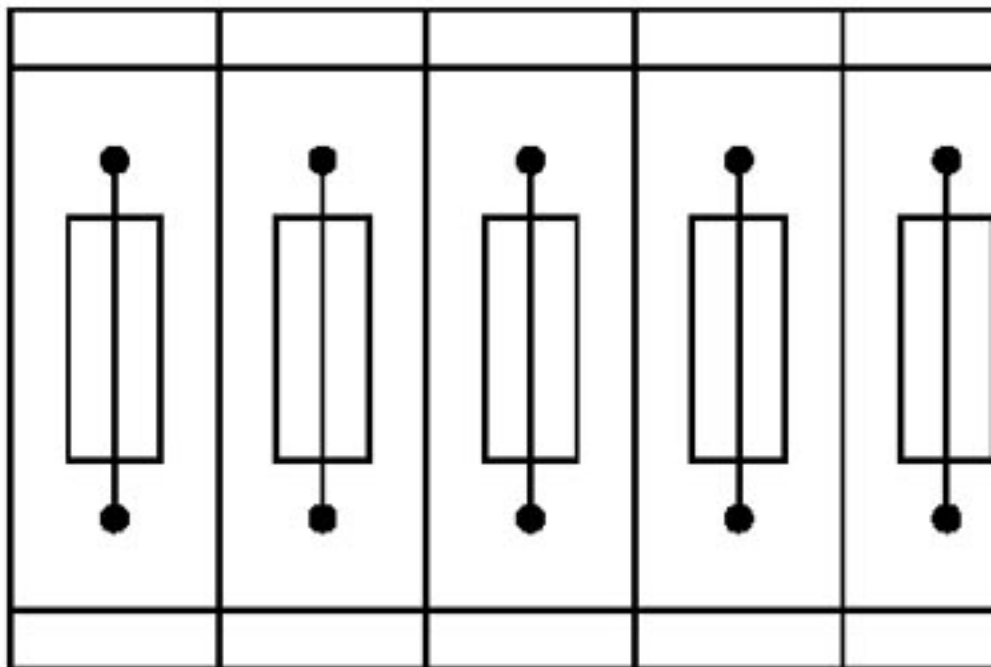
Test plugs, Color: red

Drawings

Circuit diagram



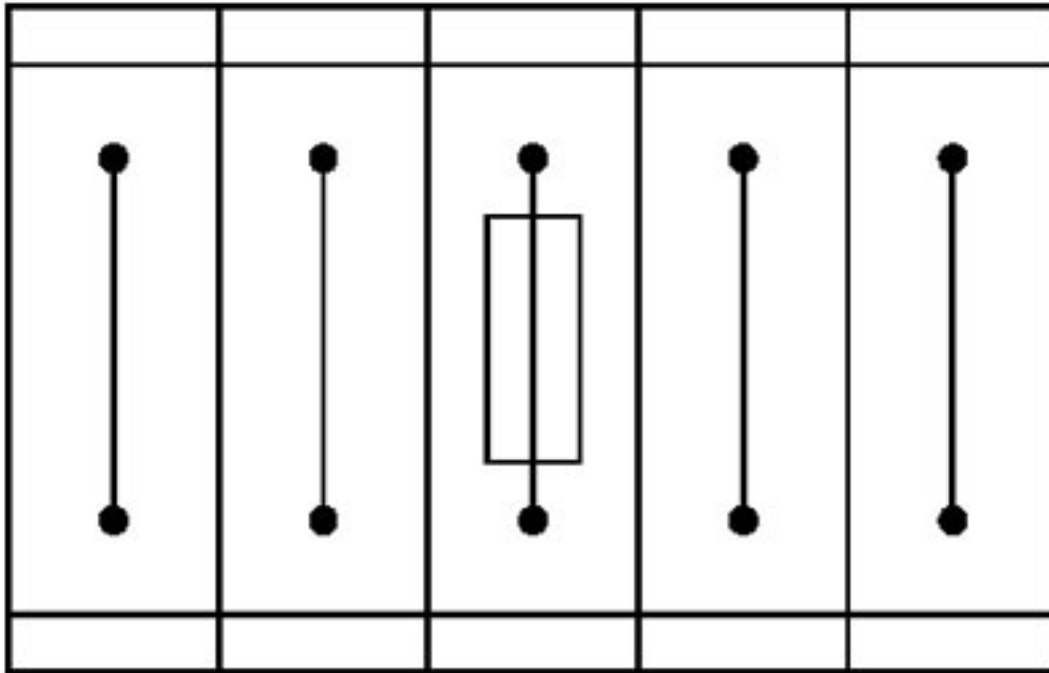
Application drawing



Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

Fuse modular terminal block - QTC 2,5 HESILED 60 (5X20) - 3050390

Application drawing



Fuse terminal block in single arrangement,
block consisting of one fuse terminal block and 4 feed-through terminal blocks

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