

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

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Ground modular terminal block, Connection method: Fast/plug-in connection, Cross section: 0.25 mm² - 1.5 mm², AWG: 24 - 16, Width: 5.2 mm, Color: green-yellow, Mounting type: NS 35/7.5, NS 35/15

Why buy this product

- Ground terminal blocks of the same shape are available



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 317 (CL1-2011)
GTIN	 4 017918 975807
Custom tariff number	85369010
Country of origin	CHINA

Technical data

General

Number of levels	1
Number of connections	2
Color	green-yellow
Insulating material	PA
Inflammability class according to UL 94	V0

Dimensions

Width	5.2 mm
Length	53.5 mm
Height NS 35/7,5	39.3 mm
Height NS 35/15	46.8 mm

Technical data

Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Technical data

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Insulating material group	I
Connection in acc. with standard	IEC 61984
Open side panel	ja

Connection data

Conductor cross section solid min.	0.25 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	16
Conductor cross section stranded min.	0.25 mm ²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	16
Connection method	Fast/plug-in connection
Internal cylindrical gage	A3
Material wire insulation	PVC / PE

Classifications

ETIM

ETIM 2.0	EC000901
ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

UNSPSC

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

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141

Approvals

Approvals

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Approvals


Approvals


CSA / UL Recognized / cUL Recognized / GOST / GL / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	24-16

UL Recognized 	
mm ² /AWG/kcmil	24-16

cUL Recognized 	
mm ² /AWG/kcmil	24-16

GOST 	
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GL	
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cULus Recognized 	
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Accessories

Accessories

Assembly

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

End cover - D-QTC 1,5/1P - 3206322



End cover, Length: 53.5 mm, Width: 2.2 mm, Height: 39.3 mm, Color: gray

Partition plate - ATP-QTC - 3206209



Partition plate, Length: 64.4 mm, Width: 2 mm, Height: 46 mm, Color: gray

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)

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

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

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

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

Bridges

Plug-in bridge - FBS 2-5 - 3030161



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

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Plug-in bridge - FBS 3-5 - 3030174



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

Plug-in bridge - FBS 4-5 - 3030187



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

Plug-in bridge - FBS 5-5 - 3030190



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

Plug-in bridge - FBS 10-5 - 3030213



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

Plug-in bridge - FBS 20-5 - 3030226



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

Plug-in bridge - FBS 50-5 - 3038930



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

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Marking

Keying star - PC - 3040588



Keying star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

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

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 - 0818108



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, 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 - 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

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Marker for terminal blocks - UCT-TM 5 - 0828734



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into tall marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 10.5 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 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5 mm, Lettering field: 5.1 x 5.2 mm

Zack Marker strip, flat - ZBF 5 CUS - 0825025



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: 5 mm, Lettering field: 5.15 x 5.15 mm

Marker for terminal blocks - UC-TMF 5 - 0818153



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: BLUEMARK CLED, Bluemark, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Marker for terminal blocks - UC-TMF 5 CUS - 0824638



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: 5.2 mm, Lettering field: 4.6 x 5.1 mm

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Marker for terminal blocks - UCT-TMF 5 - 0828744



Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C+, Thermomark C, BLUEMARK CLED, Bluemark, Mounting type: Snap into flat marker groove, For terminal block width: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Marker for terminal blocks - UCT-TMF 5 CUS - 0829658



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: 5.2 mm, Lettering field: 4.4 x 4.7 mm

Plug/Adapter

Test adapter - PS-4/E - 3036709



Test adapter, Color: red

Test adapter - PAI-4-N GY - 3032871



Test adapter, Color: gray

Test adapter - PS-5 - 3030983



Test adapter, Color: red

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Spacer plate - DP PS-5 - 3036725



Spacer plate, Color: red

Tools

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

Screw flange - QTC 1,5/1P-F - 3061211



Screw flange, for screwing COMBI plugs, with the same structure and pitch as the relevant COMBI terminal blocks

Additional products

Connectors - SP 2,5/ 1 - 3040258



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 2 - 3040261



Connectors, Connection method: Spring-cage connection, Number of positions: 2, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 10.4 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SP 2,5/ 3 - 3040274



Connectors, Connection method: Spring-cage connection, Number of positions: 3, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 15.6 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 4 - 3040287



Connectors, Connection method: Spring-cage connection, Number of positions: 4, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 20.8 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 5 - 3040290



Connectors, Connection method: Spring-cage connection, Number of positions: 5, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 26 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 6 - 3040300



Connectors, Connection method: Spring-cage connection, Number of positions: 6, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 31.2 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 7 - 3040313



Connectors, Connection method: Spring-cage connection, Number of positions: 7, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 36.4 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 8 - 3040326



Connectors, Connection method: Spring-cage connection, Number of positions: 8, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 41.6 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SP 2,5/ 9 - 3040339



Connectors, Connection method: Spring-cage connection, Number of positions: 9, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 46.8 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/10 - 3040342



Connectors, Connection method: Spring-cage connection, Number of positions: 10, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 52 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/11 - 3040355



Connectors, Connection method: Spring-cage connection, Number of positions: 11, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 57.2 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/12 - 3040368



Connectors, Connection method: Spring-cage connection, Number of positions: 12, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 62.4 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/13 - 3040371



Connectors, Connection method: Spring-cage connection, Number of positions: 13, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 67.6 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SP 2,5/14 - 3040384



Connectors, Connection method: Spring-cage connection, Number of positions: 14, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 72.8 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/15 - 3040397



Connectors, Connection method: Spring-cage connection, Number of positions: 15, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 78 mm, Height: 39 mm, Color: gray

Connectors - SP 2,5/ 1 BU - 3040698



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: blue

Connectors - SP 2,5/ 1 GNYE - 3040708



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Connectors - SPB 2,5/ 1 - 3040106



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 2 - 3040119



Connectors, Connection method: Spring-cage connection, Number of positions: 2, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 10.4 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SPB 2,5/ 3 - 3040122



Connectors, Connection method: Spring-cage connection, Number of positions: 3, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 15.6 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 4 - 3040135



Connectors, Connection method: Spring-cage connection, Number of positions: 4, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 20.8 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 5 - 3040143



Connectors, Connection method: Spring-cage connection, Number of positions: 5, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 26 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 6 - 3040151



Connectors, Connection method: Spring-cage connection, Number of positions: 6, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 31.2 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 7 - 3040164



Connectors, Connection method: Spring-cage connection, Number of positions: 7, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 36.4 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SPB 2,5/ 8 - 3040177



Connectors, Connection method: Spring-cage connection, Number of positions: 8, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 41.6 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 9 - 3040180



Connectors, Connection method: Spring-cage connection, Number of positions: 9, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 46.8 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/10 - 3040193



Connectors, Connection method: Spring-cage connection, Number of positions: 10, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 52 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/11 - 3040203



Connectors, Connection method: Spring-cage connection, Number of positions: 11, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 57.2 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/12 - 3040216



Connectors, Connection method: Spring-cage connection, Number of positions: 12, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 62.4 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/13 - 3040229



Connectors, Connection method: Spring-cage connection, Number of positions: 13, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 67.6 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SPB 2,5/14 - 3040232



Connectors, Connection method: Spring-cage connection, Number of positions: 14, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 72.8 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/15 - 3040245



Connectors, Connection method: Spring-cage connection, Number of positions: 15, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 78 mm, Height: 39 mm, Color: gray

Connectors - SPB 2,5/ 1 BU - 3040724



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: blue

Connectors - SPB 2,5/ 1 GNYE - 3040711



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Connectors - SPDB 2,5/ 1 - 3040407



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SPDB 2,5/ 2 - 3040410



Connectors, Connection method: Spring-cage connection, Number of positions: 2, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 10.4 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 3 - 3040423



Connectors, Connection method: Spring-cage connection, Number of positions: 3, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 15.6 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 4 - 3040436



Connectors, Connection method: Spring-cage connection, Number of positions: 4, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 20.8 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 5 - 3040449



Connectors, Connection method: Spring-cage connection, Number of positions: 5, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 26 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 6 - 3040452



Connectors, Connection method: Spring-cage connection, Number of positions: 6, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 31.2 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 7 - 3040465



Connectors, Connection method: Spring-cage connection, Number of positions: 7, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 36.4 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SPDB 2,5/ 8 - 3040478



Connectors, Connection method: Spring-cage connection, Number of positions: 8, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 41.6 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 9 - 3040481



Connectors, Connection method: Spring-cage connection, Number of positions: 9, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 46.8 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/10 - 3040494



Connectors, Connection method: Spring-cage connection, Number of positions: 10, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 52 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/11 - 3040504



Connectors, Connection method: Spring-cage connection, Number of positions: 11, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 57.2 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/12 - 3040517



Connectors, Connection method: Spring-cage connection, Number of positions: 12, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 62.4 mm, Height: 39 mm, Color: gray

Ground modular terminal block - QTC 1,5/ 1P-PE - 3050099

Accessories

Connectors - SPDB 2,5/13 - 3040520



Connectors, Connection method: Spring-cage connection, Number of positions: 13, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 67.6 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/14 - 3040533



Connectors, Connection method: Spring-cage connection, Number of positions: 14, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 72.8 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/15 - 3040546



Connectors, Connection method: Spring-cage connection, Number of positions: 15, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 78 mm, Height: 39 mm, Color: gray

Connectors - SPDB 2,5/ 1 BU - 3040737



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: blue

Connectors - SPDB 2,5/ 1 GNYE - 3040740



Connectors, Connection method: Spring-cage connection, Number of positions: 1, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 5.2 mm, Height: 39 mm, Color: green-yellow

Drawings

Circuit diagram

