Feed-through terminal block - PTS 1,5/S - 3214547

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Feed-through terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Height: 37 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Key commercial data

package_quantity	50
GTIN	4046356616287

Technical data

General

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

General

Maximum load current	17.5 A (with 1.5 mm² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	17.5 A
Nominal voltage U_N	500 V
Open side panel	ja
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Surge voltage test setpoint	7.3 kV
Result of surge voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV
Result of power-frequency withstand voltage test	Test passed
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed

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Technical data

General

Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0,14 mm²/0,2 kg
Bending test conductor cross section/weight	1.5 mm² / 0.4 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.14 mm²
Tractive force setpoint	10 N
Conductor cross section tensile test	1.5 mm²
Tractive force setpoint	40 N
Tensile test result	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Requirements, voltage drop	≤ 3.2 mV
Result of voltage drop test	Test passed
Temperature-rise test	Test passed
Conductor cross section short circuit testing	1.5 mm²
Short-time current	0.18 kA
Short circuit stability result	Test passed
Ageing test for screwless modular terminal block temperature cycles	192
Result of aging test	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f_1 = 5 Hz to f_2 = 150 Hz
ASD level	1.857 $(m/s^2)^2$/Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C

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Technical data

General

Static insulating material application in cold	-60 °C

Dimensions

Width	3.5 mm
Length	50.7 mm
Height	37 mm
Height NS 35/7,5	38.5 mm
Height NS 35/15	46 mm

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm²
Connection method	Push-in connection
Stripping length	8 mm
Internal cylindrical gage	A1 / B1

classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC000897

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classifications

UNSPSC

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

approvals

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

Approval details

UL Recognized

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	15 A	15 A	5 A
mm²/AWG/kcmil	26-14	26-14	26-14

cUL Recognized

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	15 A	15 A	5 A
mm²/AWG/kcmil	26-14	26-14	26-14

LR

CSA

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	15 A	15 A	5 A
mm²/AWG/kcmil	26-14	26-14	26-14

GOST

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approvals

GL

cULus Recognized

accessories

Marker carriers

GBS-ZB/26X6 - 0809298

Screwdriver tools

SZF 0-0,4X2,5 - 1204504

Partition plate

ATP-ST 4 - 3030721

End cover

D-PTS 1,5/S - 3214576

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accessories

Documentation

PT-IL - 3208090

Bridge

FBS 3-3,5 BU - 3213099

FBS 4-3,5 BU - 3213109

FBS 5-3,5 BU - 3213112

FBS 10-3,5 BU - 3213125

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accessories

FBS 20-3,5 BU - 3213138

RB ST (2,5/4)-1,5/S - 3214356

RB ST 6-1,5/S - 3213250

FBS 2-3,5 - 3213014

FBS 3-3,5 - 3213027

FBS 4-3,5 - 3213030

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accessories

FBS 5-3,5 - 3213043

FBS 10-3,5 - 3213056

FBS 20-3,5 - 3213069

FBS 2-3,5 GY - 3213153

FBS 2-3,5 BU - 3213086

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accessories

FBS 3-3,5 GY - 3213167

FBS 4-3,5 GY - 3213180

FBS 5-3,5 GY - 3213183

FBS 10-3,5 GY - 3213196

FBS 20-3,5 GY - 3213206

Mounting rail

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accessories

NS 35/ 7,5 PERF 2000MM - 0801733

NS 35/ 7,5 UNPERF 2000MM - 0801681

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

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

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

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

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accessories

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

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

NS 35/ 7,5 CAP - 1206560

NS 35/15 PERF 2000MM - 1201730

NS 35/15 UNPERF 2000MM - 1201714

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NS 35/15 WH PERF 2000MM - 0806602

NS 35/15 WH UNPERF 2000MM - 1204135

NS 35/15 AL UNPERF 2000MM - 1201756

NS 35/15 ZN PERF 2000MM - 1206599

NS 35/15 ZN UNPERF 2000MM - 1206586

NS 35/15 CU UNPERF 2000MM - 1201895

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accessories

NS 35/15 CAP - 1206573

NS 35/15-2,3 UNPERF 2000MM - 1201798

Terminal marking

ZB 3,5:UNBEDRUCKT - 0829414

UCT-TM 3,5 - 0829484

ZBF 3,5:UNBEDRUCKT - 0829392

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accessories

UCT-TMF 3,5 - 0829486

TMT (EX9,5)R - 0828295

Labeled terminal marker

ZB 3,5 CUS - 0829415

UCT-TM 3,5 CUS - 0829581

ZBF 3,5 CUS - 0829394

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accessories

UCT-TMF 3,5 CUS - 0829644

Test plug terminal block

MPS-MT - 0201744

Insulating sleeve

MPS-IH WH - 0201663

MPS-IH RD - 0201676

MPS-IH BU - 0201689

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accessories

MPS-IH YE - 0201692

MPS-IH GN - 0201702

MPS-IH GY - 0201728

MPS-IH BK - 0201731

Planning and marking software

CLIP-PROJECT ADVANCED - 5146040

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accessories

CLIP-PROJECT PROFESSIONAL - 5146053

End block

E/UK - 1201442

E/UK 1 - 1201413

CLIPFIX 35 - 3022218

CLIPFIX 35-5 - 3022276

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accessories

E/NS 35 N - 0800886

Drawings

Circuit diagram