Feed-through terminal block - BTP 1,25-F - 3281105

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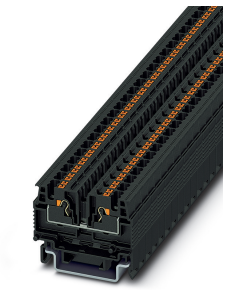

Feed-through terminal block, with flange on the left-hand side, nom. voltage: 690 V, nominal current: 17.5 A, connection method: Push-in connection, number of connections: 4, cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 16, width: 15.5 mm, color: black, mounting type: NS 35/7,5, NS 35/15, Direct mounting with flange

Your advantages

- Easy and tool-free direct plug-in thanks to push-in multi-conductor connection
- Maximum overview thanks to extensive marking and labeling of every terminal point
- Safety for users thanks to integrated shock protection
- Reduction in logistics costs with the uniform CLIPLINE complete system accessories
- Flexible use, thanks to DIN rail and direct mounting
- Easy potential distribution with time-saving jumper system

RoHS

Key Commercial Data

Packing unit	1
GTIN	4 055626 620589
GTIN	4055626620589
Custom tariff number	85369010

Technical data

General

Number of levels	1
Number of connections	4
Potentials	1
Nominal cross section	1.5 mm²
Color	black
Insulating material	PC

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Technical data

General

Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	IIIa
Maximum power dissipation for nominal condition	0.56 W
Maximum load current	17.5 A (The maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal current I_N	17.5 A
Nominal voltage U_N	690 V
Open side panel	Yes

Dimensions

Width	15.5 mm
Length	42 mm
Height NS 35/7,5	33.5 mm
Height NS 35/15	41 mm
Pitch	7 mm

Connection data

Connection method	Push-in connection
Stripping length	8 mm ... 9 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1.5 mm²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	16
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm²
Connection cross sections directly pluggable	0.25 mm² 1.5 mm² 22 16
Conductor cross section solid min.	0.25 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²

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Connection data

Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm²
Connection in acc. with standard	JIS 8207-7-1
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	1.2 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	1.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	0.75 mm²

Ambient conditions

Operating temperature	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
	JIS 8207-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram

Classifications

eCl@ss

eCl@ss 10.0.1	27141120
eCl@ss 11.0	27141120

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Classifications

eCl@ss

eCl@ss 4.0	27141121
eCl@ss 4.1	27141121
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141100
eCl@ss 7.0	27141120
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 6.0	EC000897
ETIM 7.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

Approvals

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CSA / UL Recognized / EAC

Ex Approvals

Approval details

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Approvals

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-16	26-16

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-16	26-16

EAC		RU C-DE.BL08.B.00541