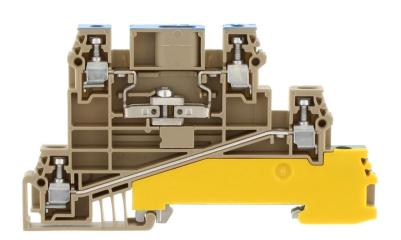
### 1417.2 DLI 2,5 PE/L/NT BG





Three-wire installation terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 6 mm, Colour: Beige

#### **Business data**

1417.2
DLI 2,5 PE/L/NT BG
4044211044626
50
PC
27.4 g
28.76 g
G
85369010
CZ
Three-wire installation terminals
Beige





Technical data  Dimensions  Length 90.5 mm  Width 6 mm  Height TS 35/7.5 53 mm  Ratings  Rated your Address Ad		
Length 90.5 mm  Width 6 mm  Height TS 35/7.5 53 mm  Ratings  Rated voltage 400 V  Rated current 24 A  Rated cross-section 2.5 mm²  Rated impulse voltage 4 kV  Overvoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 1.54 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connection position Lateral  Connections 5  Number of potentials 3  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section Stranded with wire-end ferrules, min. 22  Wire cross-section AWG, min. 22  Wire cross-section AWG, min. 44  Stripping length 8 mm  Screw head Slotted  Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, min. 0.8 Nm  N-function possible ✓  PE function is possible ✓  PE function is possible ✓  PE function is possible	Technical data	
Width         6 mm           Height TS 35/7.5         53 mm           Ratings         Rated voltage         400 V           Rated current         24 A         Rated cross-section         2.5 mm²           Rated impulse voltage         4 kV         V           Overvoltage category         III         III           Contamination degree         3         Amaximum power dissipation for nominal condition         1.54 W           Connection data         Screw connection         Connection principle         Screw connection           Connection principle         Screw connection         Connection position         Lateral           Connections         5         Number of potentials         3           Wire cross-section single-core (rigid) / stranded, min.         0.2 mm²           Wire cross-section stranded, min.         0.2 mm²           Wire cross-section stranded, max.         4 mm²           Wire cross-section stranded with wire-end ferrules, min.         0.2 mm²           Wire cross-section AWG, min.         22           Wire cross-section AWG, max.         14           Stripping length         8 mm           Screw threading         M 2,5           Tightening torque, min.         0.4 Nm           Tightening torque, max.<	Dimensions	
Ratings Rated voltage 400 V Rated current 24 A Rated cross-section 2.5 mm² Rated impulse voltage 4 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.54 W  Connection data Connection position Lateral Connections 5 Number of potentials 3 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. Wire cross-section stranded with wire-end ferrules, max. Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 34 Stripping length 8 mm Screw threading M 2,5 Tightening torque, min. 0.4 Nm Tightening torque, max. 0.8 Nm N-tunction possible V	Length	90.5 mm
Ratings Rated voltage 400 V Rated current 24 A Rated cross-section 2.5 mm² Rated impulse voltage 4 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.54 W  Connection data Connection principle Screw connection Connection position Lateral Connections 5 Number of potentials 3 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section stranded with wire-end ferrules, max. 4 mm² Wire cross-section stranded with wire-end ferrules, max. 9.2 mm² Wire cross-section stranded with wire-end ferrules, max. 4 mm² Stripping length 8 mm Screw head Slotted Screw threading M2,5 Tightening torque, min. 0.4 Nm Tightening torque, max. 0.8 Nm N-function possible V PE function is possible V	Width	6 mm
Rated voltage 400 V Rated current 24 A Rated current 24 A Rated cross-section 2.5 mm² Rated impulse voltage 4 kV Overvoltage category IIII Contamination degree 3 Maximum power dissipation for nominal condition 1.54 W Connection data Connection principle Screw connection Connection position Lateral Connection position Lateral  Connections 5 Number of potentials 3 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section single core (rigid)/stranded, max. 4 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, min. 2.5 mm² Wire cross-section stranded with wire-end ferrules, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 14 Stripping length 8 mm Screw head Slotted Screw threading M 2,5 Tightening torque, min. 0.4 Nm Tightening torque, max. 0.8 Nm N-function possible V PE function is possible V	Height TS 35/7.5	53 mm
Rated current 24 A Rated cross-section 2.5 mm² Rated impulse voltage 4 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.54 W  Connection data Connection principle Screw connection Connection position Lateral Connections 5 Number of potentials 3 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section single core (rigid)/stranded, max. 4 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, max. 2.5 mm² Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, min. 25 Stripping length 8 mm Screw head Slotted Screw threading M 2,5 Tightening torque, min. 0.4 Nm Tightening torque, max. 0.8 Nm N-function possible ✓	Ratings	
Rated cross-section 2.5 mm² Rated impulse voltage 4 kV Overvoltage category III Contamination degree 3 Maximum power dissipation for nominal condition 1.54 W  Connection data Connection principle Screw connection Connection position Lateral Connections 5 Number of potentials 3 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Stripping length 22 Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 14 Stripping length 8 mm Screw head Slotted Screw threading M 2,5 Tightening torque, min. 0.4 Nm Tightening torque, max. 0.8 Nm N-function possible ✓	Rated voltage	400 V
Rated impulse voltage 4 kV  Overvoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 1.54 W  Connection data  Connection principle Screw connection  Connection position Lateral  Connections 5  Number of potentials 3  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 14  Stripping length 8 mm  Screw head Slotted  Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, max. 0.8 Nm  N-function possible   V	Rated current	24 A
Overvoltage category III  Contamination degree 3  Maximum power dissipation for nominal condition 1.54 W  Connection data  Connection principle Screw connection  Connections 5  Number of potentials 3  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 4 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 14  Stripping length 8 mm  Screw head Slotted  Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, max. 0.8 Nm  N-function possible   V	Rated cross-section	2.5 mm <sup>2</sup>
Contamination degree 3  Maximum power dissipation for nominal condition 1.54 W  Connection data  Connection principle Screw connection  Connections 5  Number of potentials 3  Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 14  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 14  Stripping length 8 mm  Screw head Slotted  Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, max. 0.8 Nm  N-function possible ✓	Rated impulse voltage	4 kV
Maximum power dissipation for nominal condition  Connection data  Connection principle  Connection position  Lateral  Connections  5  Number of potentials  3  Wire cross-section single-core (rigid) / stranded, min.  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  2.5 mm²  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  14  Stripping length  8 mm  Screw head  Slotted  Screw threading  M 2,5  Tightening torque, min.  0.8 Nm  N-function possible  ✓  PE function is possible	Overvoltage category	III
Connection data  Connection principle  Screw connection  Connection position  Lateral  Connections  5  Number of potentials  Wire cross-section single-core (rigid) / stranded, min.  0.2 mm²  Wire cross-section single core (rigid)/stranded, max.  4 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, max.  4 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  2.5 mm²  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  14  Stripping length  8 mm  Screw head  Slotted  Screw threading  M 2,5  Tightening torque, min.  0.8 Nm  N-function possible  ✓  PE function is possible	Contamination degree	3
Connection principle Connection position Lateral  Connections 5 Number of potentials 3 Wire cross-section single-core (rigid) / stranded, min. 0.2 mm² Wire cross-section single core (rigid)/stranded, max. 4 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded, min. 0.2 mm² Wire cross-section stranded with wire-end ferrules, min. Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min. 22 Wire cross-section AWG, max. 14 Stripping length 8 mm Screw head Slotted Screw threading M 2,5 Tightening torque, min. 0.4 Nm Tightening torque, max. N-function possible  V PE function is possible	Maximum power dissipation for nominal condition	1.54 W
Connection position  Connections  5  Number of potentials  Wire cross-section single-core (rigid) / stranded, min.  Wire cross-section single core (rigid)/stranded, max.  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  2.5 mm²  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  14  Stripping length  8 mm  Screw head  Slotted  Screw threading  M 2,5  Tightening torque, min.  1.4 Nm  Tightening torque, max.  0.8 Nm  N-function possible  ✓  PE function is possible	Connection data	
Connections 5   Number of potentials 3   Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²   Wire cross-section single core (rigid)/stranded, max. 4 mm²   Wire cross-section stranded, min. 0.2 mm²   Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²   Wire cross-section stranded with wire-end ferrules, max. 2.5 mm²   Wire cross-section AWG, min. 22   Wire cross-section AWG, max. 14   Stripping length 8 mm   Screw head Slotted   Screw threading M 2,5   Tightening torque, min. 0.4 Nm   Tightening torque, max. 0.8 Nm   N-function possible ✓   PE function is possible ✓	Connection principle	Screw connection
Number of potentials  Wire cross-section single-core (rigid) / stranded, min.  0.2 mm²  Wire cross-section single core (rigid)/stranded, max.  4 mm²  Wire cross-section stranded, min.  0.2 mm²  Wire cross-section stranded, max.  4 mm²  Wire cross-section stranded with wire-end ferrules, min.  0.2 mm²  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  14  Stripping length  8 mm  Screw head  Slotted  Screw threading  M 2,5  Tightening torque, min.  0.4 Nm  Tightening torque, max.  0.8 Nm  N-function possible  ✓  PE function is possible	Connection position	Lateral
Wire cross-section single-core (rigid) / stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, min. 0.2 mm²  Wire cross-section stranded, max. 4 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 2.5 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 14  Stripping length 8 mm  Screw head Slotted  Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, max. 0.8 Nm  N-function possible ✓  PE function is possible ✓	Connections	5
Wire cross-section stranded, min.  Wire cross-section stranded, min.  Wire cross-section stranded with wire-end ferrules, max.  2.5 mm²  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  14  Stripping length  8 mm  Screw head  Slotted  Screw threading  M 2,5  Tightening torque, min.  7 und Nm  Tightening torque, max.  N-function possible  ✓  PE function is possible	Number of potentials	3
Wire cross-section stranded, min.  Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  14  Stripping length  8 mm  Screw head  Slotted  Screw threading  M 2,5  Tightening torque, min.  7 ightening torque, max.  N-function possible  ✓  PE function is possible	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max. 4 mm²  Wire cross-section stranded with wire-end ferrules, min. 0.2 mm²  Wire cross-section stranded with wire-end ferrules, max. 2.5 mm²  Wire cross-section AWG, min. 22  Wire cross-section AWG, max. 14  Stripping length 8 mm  Screw head Slotted  Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, max. 0.8 Nm  N-function possible ✓  PE function is possible ✓	Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded with wire-end ferrules, min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  Stripping length  Screw head  Screw threading  M 2,5  Tightening torque, min.  Tightening torque, max.  N-function possible  ✓  PE function is possible	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
min.  Wire cross-section stranded with wire-end ferrules, max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  Stripping length  Screw head  Screw threading  M 2,5  Tightening torque, min.  Tightening torque, max.  N-function possible  PE function is possible	Wire cross-section stranded, max.	4 mm <sup>2</sup>
max.  Wire cross-section AWG, min.  22  Wire cross-section AWG, max.  Stripping length  8 mm  Screw head  Screw threading  M 2,5  Tightening torque, min.  Tightening torque, max.  N-function possible  V  PE function is possible		0.2 mm <sup>2</sup>
Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓		2.5 mm <sup>2</sup>
Stripping length8 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Wire cross-section AWG, min.	22
Screw head Screw threading M 2,5 Tightening torque, min. O.4 Nm Tightening torque, max. 0.8 Nm N-function possible V PE function is possible V	Wire cross-section AWG, max.	14
Screw threading M 2,5  Tightening torque, min. 0.4 Nm  Tightening torque, max. 0.8 Nm  N-function possible   PE function is possible  V	Stripping length	8 mm
Tightening torque, min.  Tightening torque, max.  0.4 Nm  0.8 Nm  N-function possible  V  PE function is possible  V	Screw head	Slotted
Tightening torque, max.  N-function possible  PE function is possible	Screw threading	M 2,5
N-function possible   PE function is possible   ✓	Tightening torque, min.	0.4 Nm
PE function is possible	Tightening torque, max.	0.8 Nm
	N-function possible	✓
N partition slides available ✓	PE function is possible	✓
	N partition slides available	✓





Technical data	
Materials	
Insulation housing	Polyamide 6.6
Flammability class UL 94	V-2
Working temperature, min.	-40 °C
Working temperature, max.	105 °C
Further technical data	
Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	3
End plate required	✓
<b>Environmental Product Compliance</b>	
REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes



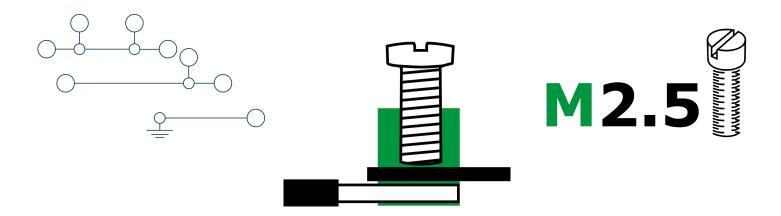
# 1417.2 DLI 2,5 PE/L/NT BG

Approvals		
Standards and regulations		
EAC approval	TR ZU 004/2011	
EAC approval granted	yes	





#### Media





### 1417.2 DLI 2,5 PE/L/NT BG



#### **Accessories**

#### **End plate**



End plate, Width: 1.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2831.2	AP 2,5/D BG	4044211055561	20 ST

#### **End stop**



End stop, Mounting type: Mounting rail TS 35/7.5, Width: 9.5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

#### **Cross-connector**



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 16.6 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2833.0	Q 3	4044211055585	50 ST



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 22.7 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2834.0	Q 4	4044211055592	20 ST

Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 59.3 mm, Rated cross-section: 2.5 mm², Colour: natural



Article number	Article name	GTIN (EAN)	Packaging unit
2835.0	Q 10	4044211055608	10 ST





#### **Cross-connector**

Cross-connector, No. of poles: 20, Mounting type: Can be screwed on, Width: 120.3 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2836.0	Q 20	4044211055615	10 ST

Cross-connector, No. of poles: 82, Mounting type: Screwable, Width: 500 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2154.0	Q 0,5 m/82 Pole	4044211049751	1 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 10.5 mm, Rated cross-section: 2.5 mm², Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2832.0	Q 2	4044211055578	50 ST

#### **Quick marking**



Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 ST

#### **Screwdriver**

Screwdriver with bare blade, Colour: Black-grey



Article number	Article name	GTIN (EAN)	Packaging unit
1085.0	SDB 0,5x3,0	4044211014643	1 ST

#### Insulation plate

# Data sheet 1417.2 DLI 2,5 PE/L/NT BG





Insulation plate, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2566.2	TRS 3 BG	4044211053567	100 ST