

Three-wire installation terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm<sup>2</sup>, Width: 18 mm, Colour: Beige

Business uala	
Article number	1448.2
Article name	DLI 2,5 B-W BG
GTIN (EAN)	4044211044978
Packaging unit	16
Quantity unit	PC
Weight per piece (not including packaging)	81.6 g
Weight per piece (including packaging)	86.25 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Product description	Three-wire installation terminals
Colour	Beige

### **Business data**



### **Technical data**

Width18 mmHeight TS 35/7.553 mmRatings400 VRated voltage400 VRated current24 ARated ross-section2.5 mm²Rated inpulse voltage4 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnection factorConnection principleScrew connectionConnection spitoinLateralConnection spitoin15Number of potentials9Wire cross-section single-core (rigid)/stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min. $0.2 mm²$ Wire cross-section stranded with wire-end ferrules, min. $2.5 mm²$ Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew headSlottedScrew headSlottedScrew heading torque, min. $0.4 Nm$ Tightening torque, max. $0.8 Nm$ N-function possible $\checkmark$	Dimensions	
Height TS 35/7.5   53 mm     Ratings   400 V     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   4.61 W     Connection data   Connection     Connection principle   Screw connection     Connection position   Lateral     Connections   15     Number of potentials   9     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   M2.5     Tightening torque, min.   0.4 Nm     Tightening torque, min.   0.4 Nm     PE function is possible   ✓	Length	90.5 mm
Ratings     Rated voltage   400 V     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   4.61 W     Connection data   Connection     Connection principle   Screw connection     Connection position   Lateral     Connection so   15     Number of potentials   9     Wire cross-section single-core (rigid) / stranded, min.   0.2 mm²     Wire cross-section stranded with wire-end ferrules, max.   4 mm²     Wire cross-section AWG, max.   14     Stripping length   8 mm     Screw head   Slotted     Screw threading   M 2,5     Tightening torque, min.   0.4 Nm     Vincution possible   ✓	Width	18 mm
Rated voltage400 VRated current24 ARated current2.5 mm²Rated cross-section2.5 mm²Rated impulse voltage4 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnection principleConnection principleScrew connectionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew hreading0.4 NrnTightening torque, min.0.4 NrnPE function is possible✓	Height TS 35/7.5	53 mm
Rated current24 ARated current2.5 mm²Rated impulse voltage4 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew headSlottedScrew head0.8 NmN-function possible✓PE function is possible✓	Ratings	
Rated cross-section2.5 mm²Rated impulse voltage4 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnectionConnection principleScrew connectionConnection positionLateralConnection single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single-core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Screw headSlottedScrew headSlottedScrew head0.4 NmTightening torque, min.0.4 NmPE function is possible✓PE function is possible✓	Rated voltage	400 V
Rated impulse voltage4 kVOvervoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnection dataConnection principleScrew connectionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid)/stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.14Stripping length8 mmScrew headSlottedScrew threadingM2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Rated current	24 A
Overvoltage categoryIIIContamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnection functionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.14Wire cross-section stranded with wire-end ferrules, max.22Wire cross-section AWG, min.14Stripping length8 mmScrew headSlottedScrew headSlottedScrew head0.4 NmTightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Rated cross-section	2.5 mm <sup>2</sup>
Contamination degree3Maximum power dissipation for nominal condition4.61 WConnection dataConnection principleScrew connectionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section AWG, min.22Wire cross-section AWG, min.22Wire cross-section AWG, min.14Stripping length8 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.8 NmN-function possible✓PE function is possible✓	Rated impulse voltage	4 kV
Maximum power dissipation for nominal condition4.61 WConnection dataScrew connectionConnection principleScrew connectionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, min.2.5 mm²Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew hreadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓	Overvoltage category	III
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Connection principleScrew connectionConnection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 NmNightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Maximum power dissipation for nominal condition	4.61 W
Connection positionLateralConnections15Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire 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✓	Connection data	
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Number of potentials9Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section stranded with wire-end ferrules, max.22Wire cross-section AWG, min.22Wire 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✓	Connection position	Lateral
Wire cross-section single-core (rigid) / stranded, min.0.2 mm²Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew threading0.4 NmTightening torque, max.0.8 NmN-function possible✓	Connections	15
Wire cross-section single core (rigid)/stranded, max.4 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew threading0.4 NmTightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Number of potentials	9
Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓	Wire cross-section single-core (rigid) / stranded, min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.4 mm²Wire cross-section stranded with wire-end ferrules, max.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire cross-section AWG, max.14Stripping length8 mmScrew headSlottedScrew threadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible√	Wire cross-section single core (rigid)/stranded, max.	4 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire 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√	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
min.0.2 mm²Wire cross-section stranded with wire-end ferrules, max.2.5 mm²Wire cross-section AWG, min.22Wire 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✓	Wire cross-section stranded, max.	4 mm <sup>2</sup>
max.2.5 mm²Wire cross-section AWG, min.22Wire 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✓	Wire cross-section stranded with wire-end ferrules, min.	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✓	Wire cross-section stranded with wire-end ferrules, max.	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 headSlottedScrew threadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Wire cross-section AWG, max.	14
Screw threadingM 2,5Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Stripping length	8 mm
Tightening torque, min.0.4 NmTightening torque, max.0.8 NmN-function possible✓PE function is possible✓	Screw head	Slotted
Tightening torque, max. 0.8 Nm   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	$\checkmark$
	N partition slides available	$\checkmark$



### **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	$\checkmark$	
Environmental Product Compliance		
REACH Conform	yes	
REACH Reference date	2023-01-17	
REACH Candidate Substance Note	No	
RoHS Conform	yes	



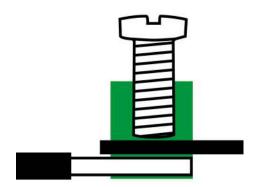
## Approvals

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

Media











### 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 mm <sup>2</sup> , Colour: natural			
Щ Ц Ц	Article number	Article name	GTIN (EAN)	Packaging unit
	2833.0	Q 3	4044211055585	50 ST
		or, No. of poles: 4, Mounting type: Can b ction: 2.5 mm², Colour: natural	e screwed on, Width: 22	2.7 mm,
	Articlo numbor	Article name	CTIN (EAN)	Packaging

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 mm<sup>2</sup>, Colour: natural

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	2835.0	Q 10	4044211055608	10 ST



50 ST

4044211055578

### **Cross-connector**

Cross-connector, No. of poles: 20, Mounting type: Can be screwed on, Width: 120.3 mm, Rated cross-section: 2.5 mm<sup>2</sup>, Colour: natural

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Article number	Article name	GTIN (EAN)	Packaging unit
2836.0	Q 20	4044211055615	10 ST
	or, No. of poles: 82, Mounting type: So 2.5 mm², Colour: natural	crewable, Width: 500 n	nm, Rated
Article number	Article name	GTIN (EAN)	Packaging unit
2154.0	Q 0,5 m/82 Pole	4044211049751	1 ST
	or, No. of poles: 2, Mounting type: Car ection: 2.5 mm², Colour: natural	n be screwed on, Widt	h: 10.5 mm,
Article number	Article name	GTIN (EAN)	Packaging unit

### **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

Q 2

2832.0

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

#### **Insulation plate**



	Insulation plate, Colour: Beige			
	Article number	Article name	GTIN (EAN)	Packaging unit
	2566.2	TRS 3 BG	4044211053567	100 ST