

Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 16 mm<sup>2</sup>, Width: 12 mm, Colour: Orange

### Business data

Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	28 g
Weight per piece (including packaging)	29.7 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1050.2
Product description	Feed-through terminal

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### Technical data

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#### Dimensions

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Length	50 mm
Width	12 mm
Height TS 35/7.5	58.5 mm
Height TS 32	63 mm

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#### Ratings

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Rated voltage	800 V
Rated current	76 A
Rated cross-section	16 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	2.43 W

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### Technical data

#### Connection data

Connection principle	Screw connection
Connection position	Lateral
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	2.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	25 mm <sup>2</sup>
Wire cross-section stranded, min.	2.5 mm <sup>2</sup>
Wire cross-section stranded, max.	16 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	2.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	16 mm <sup>2</sup>
Wire cross-section AWG, min.	10
Wire cross-section AWG, max.	6
Stripping length	15 mm
Screw head	Slotted
Screw threading	M 5
Tightening torque, min.	2 Nm
Tightening torque, max.	4 Nm

#### 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 and TS 32
Gauge plug acc. to EN 60 947-1	B7
Number of cross-connection channels	1
End plate required	✓

# Data sheet

1050.3

RK 16 OG



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## Technical data

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### Print

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Colour	Orange
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### Environmental Product Compliance

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REACH Conform	yes
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REACH Reference date	2022-01-17
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REACH Candidate Substance Note	No
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RoHS Conform	yes
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### Approvals

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#### CSA approval

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CSA File Number	042110_0_000
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	70 A
CSA wire cross-section AWG, min.	10
CSA wire cross-section AWG, max.	6
CSA stripping length	15 mm
CSA torque, max.	4 Nm
CSA torque, min.	2 Nm

#### UL Recognized

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UL File Number	E95701
UL approval	UL 1059
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	65 A
UL wire cross-section single-core (rigid) AWG, min.	10
UL wire cross-section single-core (rigid) AWG, max.	6
UL wire cross-section stranded AWG, min.	10
UL wire cross-section stranded AWG, max.	6
UL torque	10.5 Lb In
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

#### Standards and regulations

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EAC approval	TR ZU 004/2011
EAC approval granted	yes

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### Approvals

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#### German Lloyd approval

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GL approval	IEC 60947-7-1:2002
GL approval granted	yes
GL rated voltage	750 V
GL rated current	82 A
GL rated cross-section	16 mm <sup>2</sup>
GL environmental category	C

#### KEMA KEUR approval

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KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	76 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	2.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	25 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	2.5 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	16 mm <sup>2</sup>

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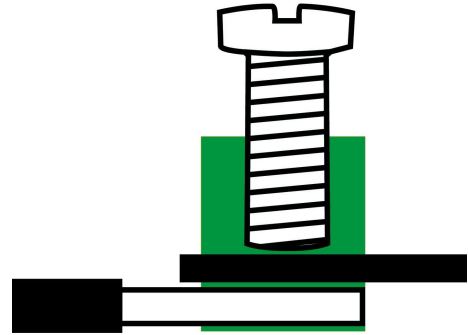
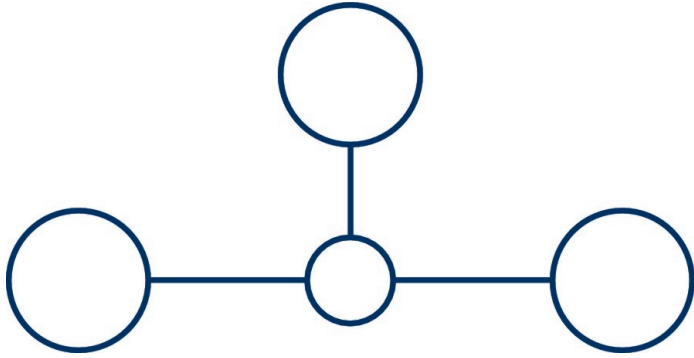
### Media



**EAC**

**M5**







**1050.3**  
**RK 16 OG**

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## Accessories

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### Cover

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Cover, Length: 30 mm, Width: 10.7 mm,  
Colour: Yellow

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2819.0	AD 1/12/B YE	4044211055455	20 ST

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Cover, Length: 26.5 mm, Width: 12 mm,  
Colour: White

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2969.0	AD 1/12 WH	4044211056988	20 ST

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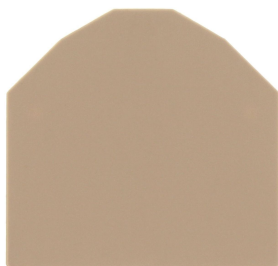
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## Accessories

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### End plate

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End plate, Width: 1.5 mm, Colour: Beige

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2104.2	AP 16 BG	4044211049164	20

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### End stop

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

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#### General order data

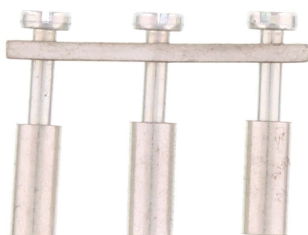
Product number:	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

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## 1050.3 RK 16 OG

### Accessories

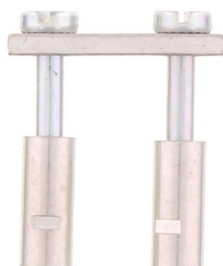
#### Cross-connector



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 32 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2113.0	Q 3	4044211049270	20 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 20.1 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2112.0	Q 2	4044211049263	20 ST



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 115.3 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2115.0	Q 10	4044211049294	10 ST

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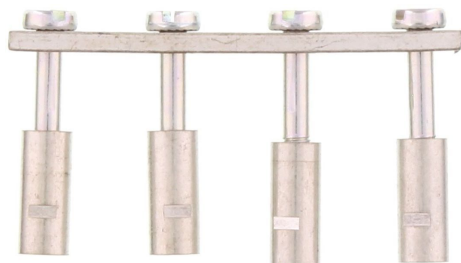
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## Accessories

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### Cross-connector

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Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 43.9 mm, Rated cross-section: 16 mm<sup>2</sup>, Colour: natural

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#### General order data

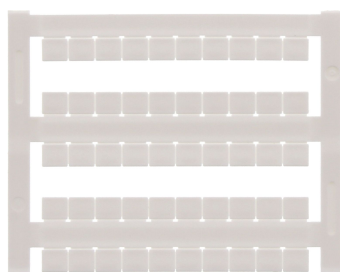
Product number:	Article name	GTIN (EAN)	Packaging unit
2114.0	Q 4	4044211049287	10 ST

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### Quick marking

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

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#### General order data

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

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## 1050.3 RK 16 OG

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### Accessories

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#### Screwdriver

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Screwdriver with bare blade, Colour: Black-grey

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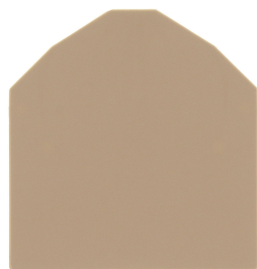
#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
1087.0	SDB 0,8x4,0	4044211014803	1 ST

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#### Partition plate

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Partition plate, Width: 1.5 mm, Colour: Beige

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2105.2	TW 16 BG	4044211049195	20

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