

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

**RAL:** 9005

### Business data

Packaging unit	20
Quantity unit	PC
Weight per piece (not including packaging)	57.4 g
Weight per piece (including packaging)	60.25 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1052.2
Product description	Feed-through terminal

1052.4

RK 35 BK

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## Technical data

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### Dimensions

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Length	58 mm
Width	16 mm
Height TS 35/7.5	71.5 mm
Height TS 32	76 mm

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### Ratings

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Rated voltage	800 V
Rated current	125 A
Rated cross-section	35 mm <sup>2</sup>
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	4 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.	50 mm <sup>2</sup>
Wire cross-section stranded, min.	2.5 mm <sup>2</sup>
Wire cross-section stranded, max.	35 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.	35 mm <sup>2</sup>
Wire cross-section AWG, min.	12
Wire cross-section AWG, max.	2
Stripping length	20 mm
Screw head	Slotted
Screw threading	M 6
Tightening torque, min.	2.5 Nm
Tightening torque, max.	5 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	B9
Number of cross-connection channels	1
End plate required	✓

1052.4

RK 35 BK

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## Technical data

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### Print

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Colour	Black
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### Environmental Product Compliance

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REACH Conform	yes
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REACH Reference date	2021-07-08
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REACH Candidate Substance Note	No
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RoHS Conform	yes
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## 1052.4 RK 35 BK

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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	100 A
CSA wire cross-section AWG, min.	12
CSA wire cross-section AWG, max.	2
CSA stripping length	20 mm
CSA torque, max.	5 Nm
CSA torque, min.	2.5 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	110 A
UL wire cross-section single-core (rigid) AWG, min.	12
UL wire cross-section single-core (rigid) AWG, max.	2
UL wire cross-section stranded AWG, min.	12
UL wire cross-section stranded AWG, max.	2
UL torque	22 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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1052.4

RK 35 BK

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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	135 A
GL rated cross-section	35 mm <sup>2</sup>
GL environmental category	C

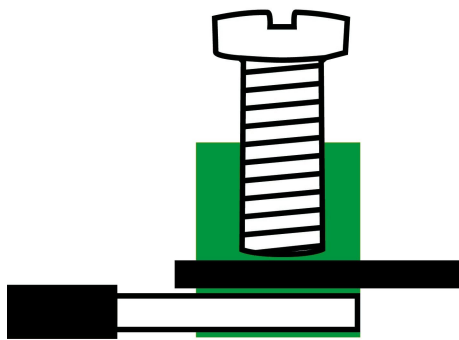
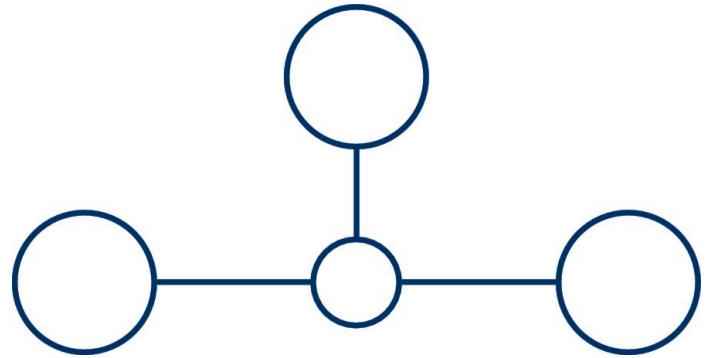
### KEMA KEUR approval

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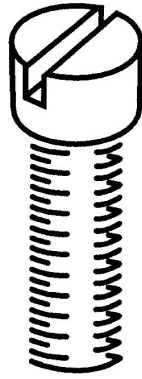
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	800 V
KEMA rated current	125 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	2.5 mm <sup>2</sup>
KEMA wire cross-section single-core (rigid), max.	50 mm <sup>2</sup>
KEMA wire cross-section stranded, min.	2.5 mm <sup>2</sup>
KEMA wire cross-section stranded, max.	35 mm <sup>2</sup>

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### Media



**M6**





1052.4  
RK 35 BK

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## Accessories

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### Cover

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Cover, Length: 38 mm, Width: 12.9 mm,  
Colour: Yellow

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2820.0	AD 1/16/B YE	4044211055462	20 ST

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Cover, Length: 37.3 mm, Width: 16 mm,  
Colour: White

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#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2970.0	AD 1/16 WH	4044211056995	20 ST

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**1052.4**  
**RK 35 BK**

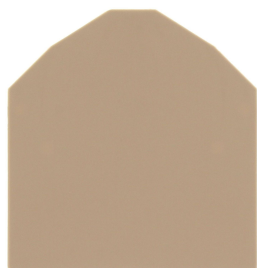
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## Accessories

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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
2116.2	AP 35 BG	4044211049317	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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### Accessories

#### Cross-connector



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 153 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2167.0	Q 10	4044211049898	10 ST



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 25 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2164.0	Q 2	4044211049867	20 ST



Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 57 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2166.0	Q 4	4044211049881	10 ST

## 1052.4 RK 35 BK

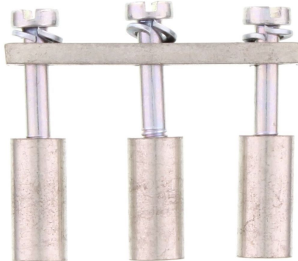
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### Accessories

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#### Cross-connector

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Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 41 mm, Rated cross-section: 35 mm<sup>2</sup>, Colour: natural

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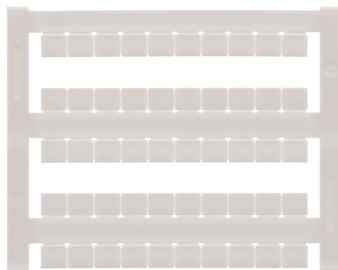
#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2165.0	Q 3	4044211049874	20 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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## 1052.4 RK 35 BK

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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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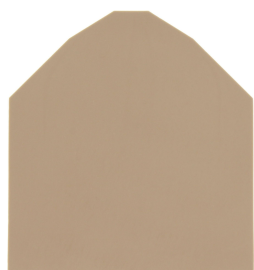
#### General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
1088.0	SDB 1,2x6,5	4044211014810	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
2117.2	TW 35 BG	4044211049355	20

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