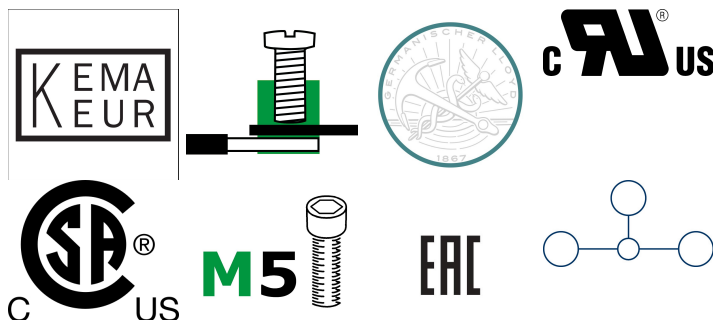


1531.2

RK 16/35/N/IS BG



Feed-through terminal, Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 16 mm², Width: 12 mm, Colour: Beige

Business data

Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	26.85 g
Weight per piece (including packaging)	28.64 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Prio-Article	1531.2
Product description	Feed-through terminal

1531.2

RK 16/35/N/IS BG

Technical data

Dimensions

Length	54 mm
Width	12 mm
Height TS 35/7.5	47 mm

Ratings

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

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 ²
Wire cross-section single core (rigid)/stranded, max.	25 mm ²
Wire cross-section stranded, min.	2.5 mm ²
Wire cross-section stranded, max.	16 mm ²
Wire cross-section stranded with wire-end ferrules, min.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	16 mm ²
Wire cross-section AWG, min.	10
Wire cross-section AWG, max.	6
Stripping length	15 mm
Screw head	Inner hex (Allen)
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
Gauge plug acc. to EN 60 947-1	B7
Number of cross-connection channels	1

Print

Colour	Beige
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Data sheet



1531.2

RK 16/35/N/IS BG

Technical data

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2021-07-08
REACH Candidate Substance Note	No
RoHS Conform	yes

1531.2

RK 16/35/N/IS BG

Approvals

CSA approval

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	85 A
CSA wire cross-section AWG, min.	12
CSA wire cross-section AWG, max.	4
CSA stripping length	15 mm

CSAus approval

CSAus File Number	042110_0_000
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	85 A
CSAus wire cross-section AWG, min.	12
CSAus wire cross-section AWG, max.	4
CSAus stripping length	15 mm

Approvals

UL Recognized

UL File Number	E95701
UL approval	UL 1059
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	85 A
UL wire cross-section single-core (rigid) AWG, min.	10
UL wire cross-section single-core (rigid) AWG, max.	4
UL wire cross-section stranded AWG, min.	10
UL wire cross-section stranded AWG, max.	4
UL torque	20 Lb In
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL Recognized	yes

cUL Recognized

cUL File Number	E95701
cUL approval	C22.2 No 158
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	85 A
cUL wire cross-section single-core (rigid) AWG, min.	10
cUL wire cross-section single-core (rigid) AWG, max.	4
cUL wire cross-section stranded AWG, min.	10
cUL wire cross-section stranded AWG, max.	4
cUL torque	20 Nm
cUL wire material	Cu
cUL Recognized	yes

Standards and regulations

EAC approval	TR ZU 004/2011
EAC approval granted	yes

1531.2

RK 16/35/N/IS BG

Approvals

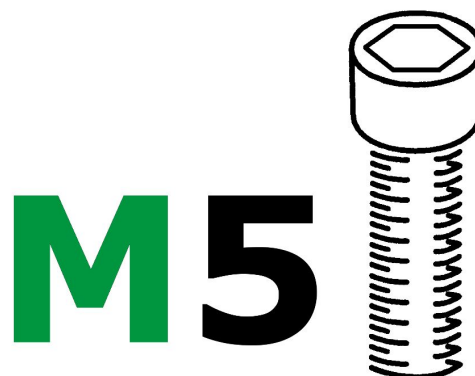
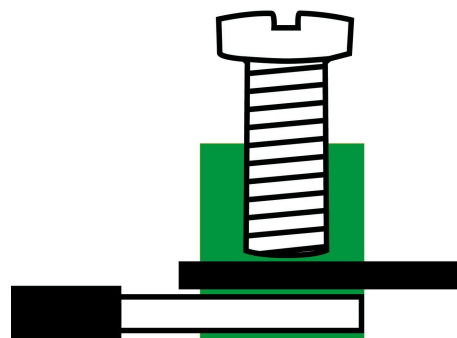
German Lloyd approval

GL approval	IEC 60947-7-1:2002
GL approval granted	yes
GL rated voltage	800 V
GL rated current	76 A
GL rated cross-section	16 mm ²
GL environmental category	C

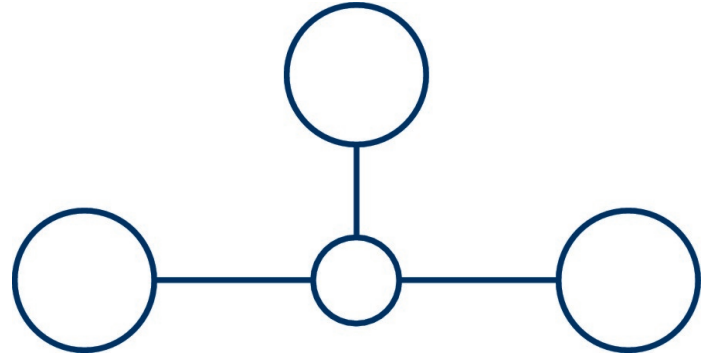
KEMA KEUR approval

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 ²
KEMA wire cross-section single-core (rigid), max.	25 mm ²
KEMA wire cross-section stranded, min.	2.5 mm ²
KEMA wire cross-section stranded, max.	16 mm ²

Media



EAC



1531.2

RK 16/35/N/IS BG

Accessories

Cover



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

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2967.0	AD 1/12/N WH	4044211056964	500 ST



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

General order data

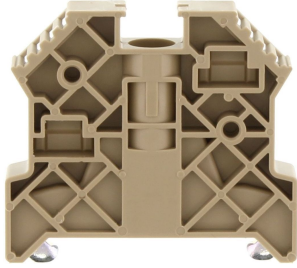
Product number:	Article name	GTIN (EAN)	Packaging unit
2955.0	AD 1/12/N/B YE	4044211056834	500 ST

1531.2

RK 16/35/N/IS BG

Accessories

End stop



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

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	500 ST

Accessories

Cross-connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 20.1 mm, Rated cross-section: 16 mm², Colour: natural

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2257.0	Q 2	4044211050702	500 ST



Cross-connector, No. of poles: 10, Mounting type: Can be screwed on, Width: 115.3 mm, Rated cross-section: 16 mm², Colour: natural

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2266.0	Q 10	4044211050757	500 ST



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 32 mm, Rated cross-section: 16 mm², Colour: natural

General order data

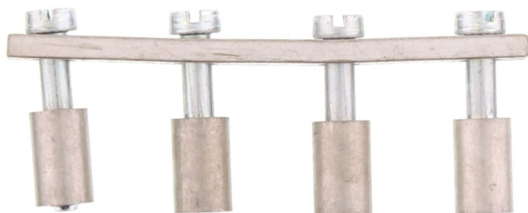
Product number:	Article name	GTIN (EAN)	Packaging unit
2258.0	Q 3	4044211050719	500 ST

1531.2

RK 16/35/N/IS BG

Accessories

Cross-connector

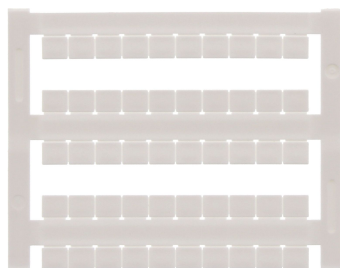


Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 43.9 mm, Rated cross-section: 16 mm², Colour: natural

General order data

Product number:	Article name	GTIN (EAN)	Packaging unit
2265.0	Q 4	4044211050740	500 ST

Quick marking



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

General order data

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