

17370.5

RK 35/35 N BU

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Technical Data

Dimensions

Length	58 mm
Width	16 mm
Height TS 35/7.5	52 mm

Ratings

Rated voltage	800 V
Rated current	125 A
Rated cross-section	35 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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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.	50 mm ²
Wire cross-section stranded, min.	2.5 mm ²
Wire cross-section stranded, max.	35 mm ²
Wire cross-section stranded with wire-end ferrules, min.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	35 mm ²
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

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Materials

Insulation housing	Polyamide 6.6
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Flammability class UL 94	V-2
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Working temperature, min.	-40 °C
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Working temperature, max.	105 °C
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Further technical data

Mounting type	Mounting rail TS 35/7,5
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Gauge plug acc. to EN 60 947-1	B9
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Number of cross-connection channels	1
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Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	✓
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CSA approval

CSA approval	C22.2 No 158
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CSA approval granted	✓
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CSA Usegroup C: rated voltage	600 V
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CSA Usegroup C: rated current	115 A
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CSA wire cross-section AWG, min.	12
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CSA wire cross-section AWG, max.	2
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CSA stripping length	20 mm
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CSAus approval

CSAus approval	UL 1059
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CSAus approval granted	✓
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CSAus Usegroup C: rated voltage	600 V
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CSAus Usegroup C: rated current	115 A
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CSAus wire cross-section AWG, min.	12
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Approvals

CSAus approval

CSAus wire cross-section AWG, max.	2
CSAus stripping length	20 mm

cUL Recognized

cUL Recognized	C22.2 No 158
cUL Recognized	✓
cUL Usegroup C: rated voltage	600 V
cUL Usegroup C: rated current	115 A
cUL wire cross-section single-core (rigid) AWG, min.	12
cUL wire cross-section single-core (rigid) AWG, max.	2
cUL wire cross-section stranded AWG, min.	12
cUL wire cross-section stranded AWG, max.	2
cUL torque	40 Nm
cUL wire material	Cu

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Approvals

German Lloyd approval

GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	800 V
GL rated current	125 A
GL rated cross-section	35 mm ²
GL environmental category	C

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	125 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.	50 mm ²
KEMA wire cross-section stranded, min.	2.5 mm ²
KEMA wire cross-section stranded, max.	35 mm ²

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Approvals

UL Recognized

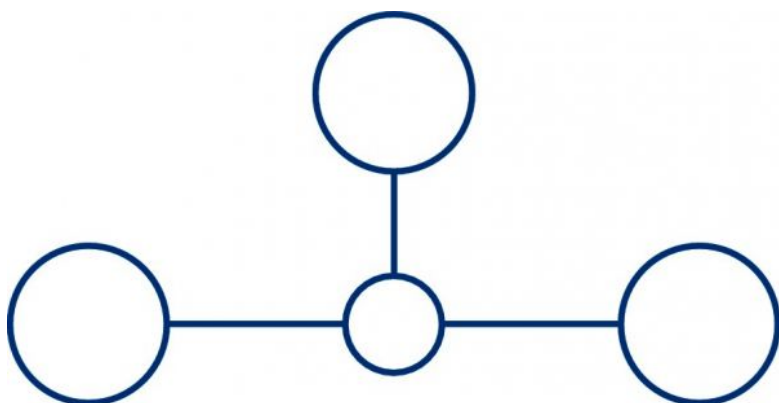
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	115 A
UL wire cross-section single-core (rigid) AWG, min.	12
UL wire cross-section single-core (rigid) AWG, max.	2
UL wire cross-section stranded AWG, min.	12
UL wire cross-section stranded AWG, max.	2
UL torque	40 Lb In
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

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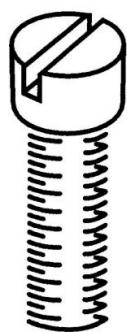
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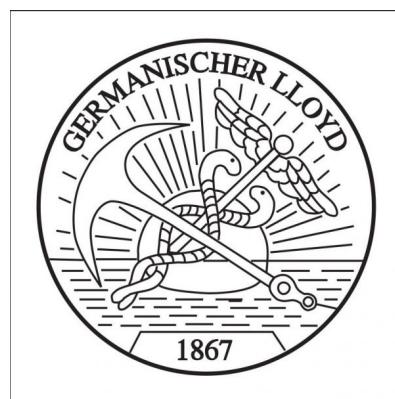
Media



M6



EAC



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Media



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Accessories

Cover



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2956.0	AD 1/16/N/B	4044211056841	20 PC



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2968.0	AD 1/16/N	4044211056971	20 PC

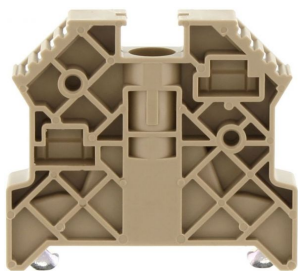
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Accessories

End bracket



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST	4044211055547	50 PC

Cross connector



Cross-connector, No. of poles: 10, Mounting type: Can
be screwed on, Width: 153 mm, Rated cross-section:
35 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17289.0	Q 10	4044211180355	10 PC

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Accessories

Cross connector



Cross-connector, No. of poles: 2, Mounting type: Can be screwed on, Width: 25 mm, Rated cross-section: 35 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17253.0	Q 2	4044211186531	20 PC



Cross-connector, No. of poles: 3, Mounting type: Can be screwed on, Width: 41 mm, Rated cross-section: 35 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17287.0	Q 3	4044211180331	20 PC

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Accessories

Cross connector

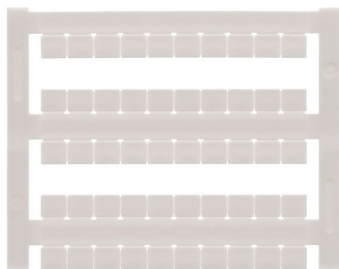


Cross-connector, No. of poles: 4, Mounting type: Can be screwed on, Width: 57 mm, Rated cross-section: 35 mm², Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
17288.0	Q 4	4044211180348	10 PC

Quick-marking



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

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
4702.7	PMC SB 6/50 WH	4044211089986	500 PC

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Accessories

Screw driver



Screwdriver with bare blade, Colour: Black-grey

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1088.0	SDB 1,2x6,5	4044211014810	1 PC
