

1477.2

RK 150 Ex BG

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Ex feed-through terminal ATEX-certified, Screw connection, Mounting type: Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 150 mm², Width: 31 mm, Colour: Beige

Business data

Product description	Ex feed-through terminal ATEX-certified
Explosion-proof version (EEx e)	✓
Packaging unit	5
Quantity unit	PC
Weight per piece (not including packaging)	291.2
Weight per piece (including packaging)	312.4
Unit of weight	G
Customs number	85369010
Country of origin	DE

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Creation date 03.06.2020 03:18:39
 Subject to technical modifications

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Technical Data

Dimensions

Length	93 mm
Width	31 mm
Height TS 35/7.5	112.8 mm
Height TS 32	118.5 mm

Ratings

Rated voltage	1000 V
Rated current	309 A
Rated cross-section	150 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

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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.	25 mm ²
Wire cross-section single core (rigid)/stranded, max.	150 mm ²
Wire cross-section stranded, min.	50 mm ²
Wire cross-section stranded, max.	95 mm ²
Wire cross-section stranded with wire-end ferrules, min.	35 mm ²
Wire cross-section stranded with wire-end ferrules, max.	150 mm ²
Wire cross-section AWG, min.	2
Wire cross-section AWG, max.	300 Kcmil
Stripping length	38 mm
Screw head	Inner hex (Allen)
Screw threading	M 8
Tightening torque, min.	10 Nm
Tightening torque, max.	20 Nm

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Technical Data

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 and TS 32
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Gauge plug acc. to EN 60 947-1	B14
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Approvals

Standards and regulations

Partial certification number	TÜV ATEX 7092 U
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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	275 A
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CSA wire cross-section AWG, min.	2
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CSA wire cross-section AWG, max.	300 Kcmil
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CSA stripping length	38 mm
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Approvals

CSAus approval

CSAus approval	UL 1059
CSAus approval granted	✓
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	275 A
CSAus wire cross-section AWG, min.	2
CSAus wire cross-section AWG, max.	300 Kcmil
CSAus stripping length	38 mm

German Lloyd approval

GL approval	IEC 60947-7-1
GL approval granted	✓
GL rated voltage	600 V
GL rated current	275 A
GL rated cross-section	150 mm ²
GL environmental category	C

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Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1
KEMA KEUR approval granted	✓
KEMA rated voltage	1000 V
KEMA rated current	309 A
KEMA rated impulse voltage	12 kV
KEMA wire cross-section single core (rigid), min.	35 mm ²
KEMA wire cross-section single-core (rigid), max.	150 mm ²
KEMA wire cross-section stranded, min.	35 mm ²
KEMA wire cross-section stranded, max.	150 mm ²
KEMA stripping length	38 mm
KEMA torque, min.	14 Nm
KEMA torque, max.	20 Nm

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Approvals

UL Recognized

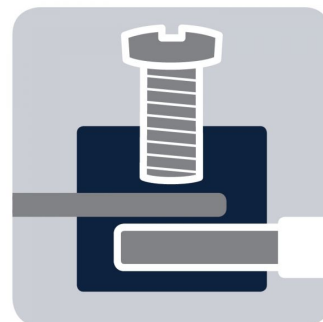
UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	275 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	275 A
UL wire cross-section single-core (rigid) AWG, min.	2
UL wire cross-section single-core (rigid) AWG, max.	350 Kcmil
UL wire cross-section stranded AWG, min.	2
UL wire cross-section stranded AWG, max.	350 Kcmil
UL torque	142 Lb In
UL wire material	Cu
UL factory wiring	✓

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Media



M8



EAC

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Media



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Accessories

Cover

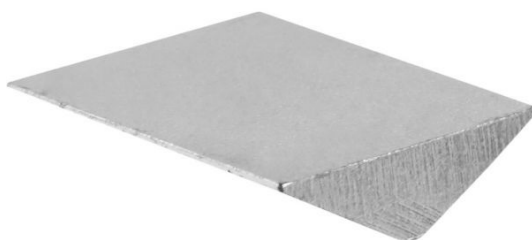


Cover, Length: 60 mm, Width: 21 mm, Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2806.0	AD 1/150/B	4044211055363	20 PC

Insertion profile



Inlay plate, Colour: natural

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2277.0	EP 150	4044211050849	10 PC

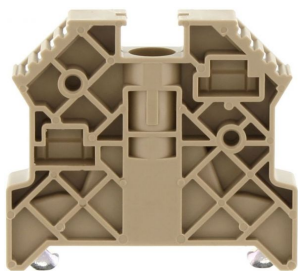
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Accessories

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

Allan key



Inner hex key with bare blade

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2773.0	ISKS 8	4044211055035	1 PC

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Accessories

Measurement pick-off terminal



Measurement pick-off terminal, Screw connection, Mounting type: On base, Rated cross-section: 10 mm², Width: 10 mm, Colour: Beige

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
1125.2	MAG 150/240	4044211080921	10 PC

Insulated cross connector



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 56.13 mm, Rated current: 309 A; Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2767.2	AQI 2/150	4044211054977	5 PC

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Accessories

Insulated cross connector

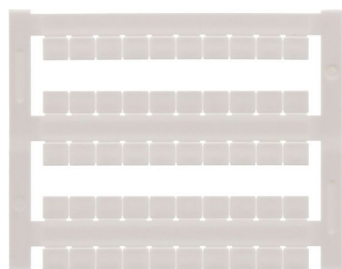


External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 87.9 mm, Rated current: 309 A; Colour: Yellow

In general

Order number	Article designation	GTIN (EAN)	Packaging unit
2768.2	AQI 3/150	4044211054984	5 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
