Data sheet

1583.5 RK 95-D BU

Feed-through terminal for direct mount, Screw connection, Mounting type: Mounting surface, Rated cross-section: 95 mm², Width: 25 mm, Colour: Blue

RAL: Ähnlich 5005

Business data

Article number	1583.5
Article name	RK 95-D BU
GTIN (EAN)	4044211047733
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	177.4 g
Weight per piece (including packaging)	188.5 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	1583.2
Product description	Feed-through terminal for direct mount

Data sheet

1583.5 RK 95-D BU

Technical data

Dimensions	
Length	109 mm
Width	25 mm
Height TS 35/7.5	77.5 mm

Ratings	
Rated voltage	1000 V
Rated current	232 A
Rated cross-section	95 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	7.42 W

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 mm²
Wire cross-section single core (rigid)/stranded, max.	95 mm²
Wire cross-section stranded, min.	25 mm²
Wire cross-section stranded, max.	95 mm²
Wire cross-section stranded with wire-end ferrules, min.	25 mm²
Wire cross-section stranded with wire-end ferrules, max.	95 mm²
Wire cross-section AWG, min.	2
Wire cross-section AWG, max.	4/0
Stripping length	30 mm
Screw head	Inner hex (Allen)
Screw threading	M 8
Tightening torque, min.	8 Nm
Tightening torque, max.	12 Nm

Data sheet

1583.5 RK 95-D BU

Technical data

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 face
Gauge plug acc. to EN 60 947-1	B12
Banded wire up to	16,6 x 6,0 mm

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes
CSA approval	
CSA approval	C22.2 No 158
CSA approval granted	yes
CSA Usegroup C: rated voltage	600 V
CSA Usegroup C: rated current	230 A
CSA wire cross-section AWG, min.	2
CSA wire cross-section AWG, max.	4/0
CSA stripping length	30 mm
CSA File Number	042110_0_000
CSAus approval	
CSAus approval	UL 1059
CSAus approval granted	yes
CSAus Usegroup C: rated voltage	600 V
CSAus Usegroup C: rated current	230 A
CSAus wire cross-section AWG, min.	2
CSAus wire cross-section AWG, max.	4/0
CSAus stripping length	30 mm
CSAus File Number	042110_0_000
KEMA KEUR approval	
KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	1000 V
KEMA rated current	232 A
KEMA rated impulse voltage	12 kV
KEMA wire cross-section single core (rigid), min.	25 mm²
KEMA wire cross-section single-core (rigid), max.	95 mm²
KEMA wire cross-section stranded, min.	25 mm²
KEMA wire cross-section stranded, max.	95 mm²
KEMA stripping length	30 mm
KEMA torque, min.	8 Nm
KEMA torque, max.	12 Nm

Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	230 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	230 A
UL wire cross-section single-core (rigid) AWG, min.	2
UL wire cross-section single-core (rigid) AWG, max.	4/0
UL wire cross-section stranded AWG, min.	2
UL wire cross-section stranded AWG, max.	4/0
UL torque	89 Lb In
UL wire material	Cu
UL factory wiring	1
UL File Number	E95701
UL Recognized	1

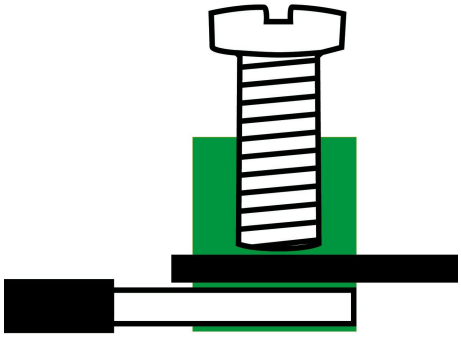
German Lloyd approval

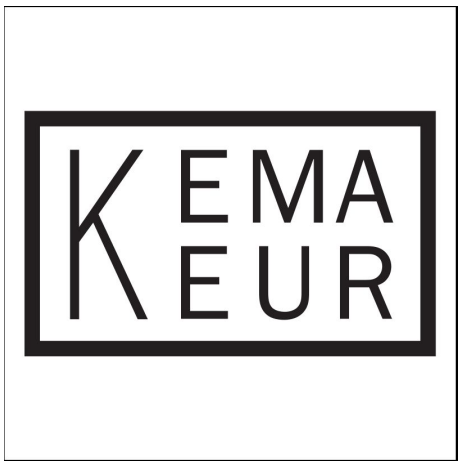
DNV GL Certificate number	TAE000014T
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	95 mm²
DNV GL rated current	230 A
DNV GL rated voltage	600 V
DNV GL test standard	IEC 60947-7-1:2002

Data sheet

1583.5 RK 95-D BU

Media





Data sheet

1583.5 RK 95-D BU

Accessories

Cover

Cover, Length: 59 mm, Width: 15 mm, Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2804.0	AD 1/95/B YE	4044211055356	20 ST

Inlay profile

Inlay plate, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2275.0	EP 95	4044211050825	10 ST

Measurement pick-off terminal

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

Article number	Article name	GTIN (EAN)	Packaging unit
1123.2	MAG 95 BG	4044211080938	10 ST

Insulated cross-connector

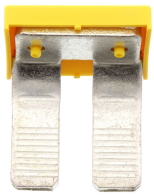
External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 70.44 mm, Rated current: 232 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2766.2	AQI 3/95 YE	4044211054960	5

Data sheet

1583.5 RK 95-D BU

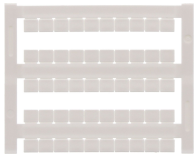
Insulated cross-connector



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 44.86 mm, Rated current: 232 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
2765.2	AQI 2/95 YE	4044211054953	5

Quick marking



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

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

##INVERSE##CONTA-CONNECT

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

Article number	Article name	GTIN (EAN)	Packaging unit
1123.2	MAG 95 BG	4044211080938	10 ST