

Data sheet

1435.2 SL 2,5/35 Ex GNYE



Ex protective-earth terminal ATEX-certified Screw connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 6 mm, Colour: Green-yellow

Business data

Article number	1435.2
Article name	SL 2,5/35 Ex GNYE
GTIN (EAN)	4044211044848
Explosion-proof version (EEx e)	yes
Packaging unit	100
Quantity unit	PC
Weight per piece (not including packaging)	17.2 g
Weight per piece (including packaging)	17.92 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Ex protective earthing terminal ATEX-certified
Colour	Green-yellow

Technical data

Dimensions

Length	52 mm
Width	6 mm
Height TS 35/7.5	47 mm

Ratings

Rated cross-section	2.5 mm ²
Overvoltage category	III
Contamination degree	3

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.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	10 mm
Screw head	Slotted
Screw threading	M 2,5
Tightening torque, min.	0.4 Nm
Tightening torque, max.	0.8 Nm

Materials

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

Technical data

Further technical data

Mounting type	Mounting rail TS 35/7,5
Gauge plug acc. to EN 60 947-1	A3
Tightening torque, fastening screw max.	0.8 Nm
Tightening torque, fastening screw min.	0.4 Nm

Environmental Product Compliance

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

Approvals

Standards and regulations

ATEX certification number	NEMKO ATEX 1136 U
EAC approval	TR ZU 004/2011
EAC approval granted	yes
Nemko approval	EN 60947-7-2:2002
Nemko approval granted	yes

cUL Recognized

cUL approval	C22.2 No 158
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	12
cUL torque	5.3 Nm
cUL wire material	Cu
cUL File Number	E95701
cUL Recognized	1

KEMA KEUR approval

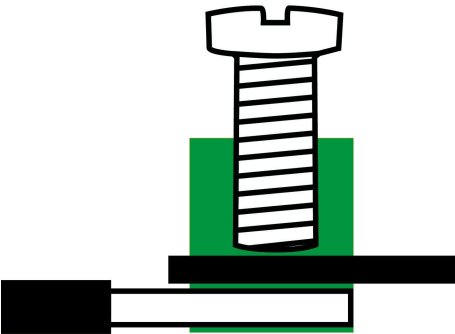
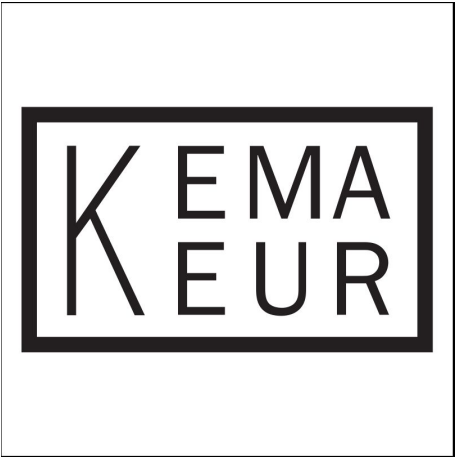
KEMA KEUR approval	EN 60947-7-2:2009
KEMA KEUR approval granted	yes
KEMA wire cross-section single core (rigid), min.	0.2 mm ²
KEMA wire cross-section single-core (rigid), max.	4 mm ²
KEMA wire cross-section stranded, min.	0.2 mm ²
KEMA wire cross-section stranded, max.	4 mm ²
KEMA torque, min.	0.4 Nm
KEMA torque, max.	0.8 Nm

Approvals

UL Recognized


UL approval	UL 1059
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	12
UL torque	5.3 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Media



Accessories

Quick marking

	Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 6 mm, Colour: White			
	Article number	Article name	GTIN (EAN)	Packaging unit
	<u>4702.7</u>	PMC SB 6/50 WH	4044211089986	500 ST

Screwdriver

	Screwdriver with bare blade, Colour: Black-grey			
	Article number	Article name	GTIN (EAN)	Packaging unit
	<u>1085.0</u>	SDB 0,5x3,0	4044211014643	1 ST