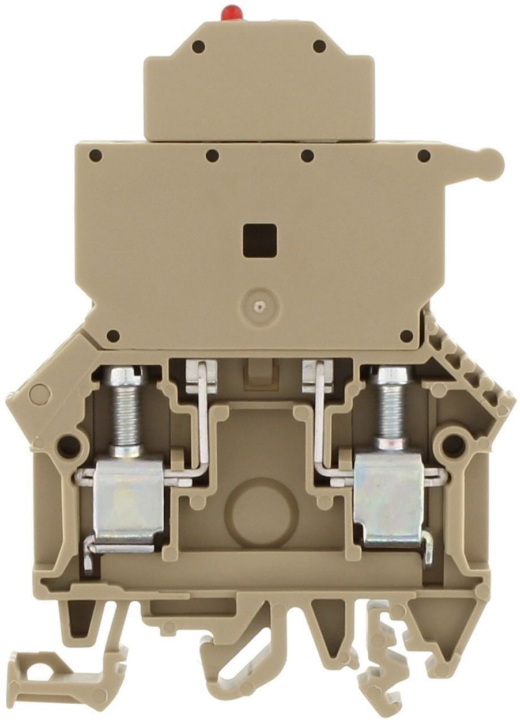
Data sheet

1105.2 SIK 10/LED(RD)/40-60V DC/80-120V AC BG



Fuse-disconnect terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 10 mm², Width: 8 mm, Colour: Beige

Business data

Article number	1105.2
Article name	SIK 10/LED(RD)/40-60V DC/80-120V AC BG
GTIN (EAN)	4044211016906
Packaging unit	25
Quantity unit	PC
Weight per piece (not including packaging)	25.2 g
Weight per piece (including packaging)	27.8 g
Unit of weight	G
Customs number	85369010
Country of origin	DE
Product description	Fuse-disconnect terminal
Colour	Beige

Data sheet

1105.2 SIK 10/LED(RD)/40-60V DC/80-120V AC BG

Technical data

Dimensions	
Length	60 mm
Width	8 mm
Height TS 35/7.5	87 mm
Height TS 32	83 mm

Ratings	
Rated voltage (determined by the illuminated display and fuse being used)	40-60 DC / 80-120 AC V
Rated current (as fuse-disconnect terminal)	10 A
Rated cross-section	10 mm²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3

Connection data	
Connection principle	Screw connection
Connection position	Lateral
Connections	2 / extraction lever
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm²
Wire cross-section single core (rigid)/stranded, max.	10 mm²
Wire cross-section stranded, min.	0.2 mm²
Wire cross-section stranded, max.	10 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm²
Wire cross-section stranded with wire-end ferrules, max.	10 mm²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	8
Stripping length	12 mm
Screw head	Slotted
Screw threading	M 4
Tightening torque, min.	1.2 Nm
Tightening torque, max.	2 Nm

Data sheet

1105.2 SIK 10/LED(RD)/40-60V DC/80-120V AC BG

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 rail TS 35/7.5 and TS 32
Fuse size	5 x 20 / 5 x 25 / 5 x 30 mm
Gauge plug acc. to EN 60 947-1	A5
End plate required	✓
Voltage fuse	250 V
Voltage illuminated display	40-60 DC / 80-120 AC V
Cross-current via illuminated display	< 5 mA
Version of fuse holder	Swivelling
Type of display element (defect display)	LED
Version of fuse cartridge	G fuse 5x20 / 5x25 / 5x30
Supply voltage (defect display), min.	40
Supply voltage (defect display), max.	120
Type of voltage (defect display)	AC/DC
Colour of lamp	Red

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2022-06-10
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations	
EAC approval	TR ZU 004/2011
EAC approval granted	yes
Nemko approval	EN 60947-7-3:2002
Nemko approval granted	yes

cUL Recognized	
cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	40-60DC / 80-120AC V
cUL Usegroup B: rated current	10 A
cUL Usegroup C: rated voltage	40-60DC / 80-120AC V
cUL Usegroup C: rated current	10 A
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	16 Nm
cUL wire material	Cu
cUL Recognized	1

Approvals

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-3:2009
KEMA KEUR approval granted	yes
KEMA rated voltage	500 V
KEMA voltage fuse, max.	250 V
KEMA rated current	10 A
KEMA rated impulse voltage	8 kV
KEMA wire cross-section single core (rigid), min.	2 mm²
KEMA wire cross-section single-core (rigid), max.	10 mm²
KEMA wire cross-section stranded, min.	2 mm²
KEMA wire cross-section stranded, max.	10 mm²
KEMA torque, min.	12 Nm
KEMA torque, max.	2 Nm
KEMA fuse size	5 x 20 / 5 x 25 / 5 x 30 mm
KEMA power loss in singular arrangement - overloadand short-circuit protection, max.	2,5 / 6,3 W / A
KEMA power loss in compound arrangement -overload and short-circuit protection, max.	2,5 / 6,3 W / A
KEMA power loss in singular arrangement - only short-circuit protection, max.	4 / 10 W / A
KEMA power loss in compound arrangement - only short-circuit protection, max.	4 / 6,3 W / A

UL Recognized

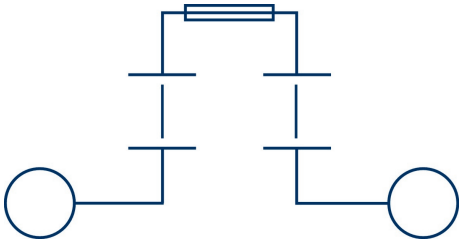
UL approval	UL 1059
UL Usegroup B: rated voltage	40-60 DC / 80-120 AC V
UL Usegroup B: rated current	10 A
UL Usegroup C: rated voltage	40-60 DC / 80-120 AC V
UL Usegroup C: rated current	10 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	12
UL torque	16 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

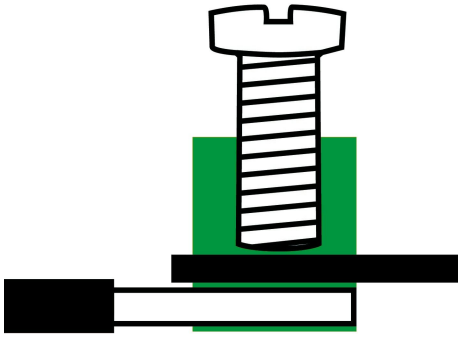
Approvals

German Lloyd approval

DNV GL Certificate number	TAE00002JJ
DNV GL Location Classes	Temperature: B, Humidity: B, Vibration: A
DNV GL approval granted	1
DNV GL rated cross-section	10 mm²
DNV GL rated current	10 A
DNV GL rated voltage	500 V
DNV GL test standard	IEC 60947-7-3:2002

Media





Accessories

End plate

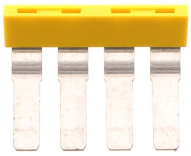
End plate, Width: 2 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
2762.2	AP 10 BG	4044211054922	20

Data sheet

1105.2 SIK 10/LED(RD)/40-60V DC/80-120V AC BG

Insulated external cross-connector



External insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 32.3 mm, Rated current: 57 A; Colour: Yellow

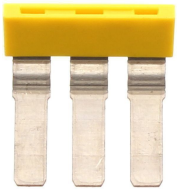
Article number	Article name	GTIN (EAN)	Packaging unit
3442.8	AQI 4/8/18 YE	4044211137564	50 ST

External insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 80.9 mm, Rated current: 57 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3443.8	AQI 10/8/18 YE	4044211137588	10 ST

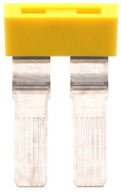
External insulated cross-connector, No. of poles: 60, Mounting type: Plug in, Rated current: 57 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3444.8	AQI 60/8/18 YE	4044211137571	1 ST



External insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 24.2 mm, Rated current: 57 A; Colour: Yellow

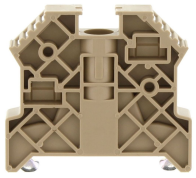
Article number	Article name	GTIN (EAN)	Packaging unit
3441.8	AQI 3/8/18 YE	4044211137557	50 ST



External insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 16.1 mm, Rated current: 57 A; Colour: Yellow

Article number	Article name	GTIN (EAN)	Packaging unit
3440.8	AQI 2/8/18 YE	4044211137540	50 ST

End stop



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

Article number	Article name	GTIN (EAN)	Packaging unit
2828.0	ES 35/K/ST BG	4044211055547	50

Data sheet

1105.2 SIK 10/LED(RD)/40-60V DC/80-120V AC BG

Solid link

Solid link, Colour: natural

Article number	Article name	GTIN (EAN)	Packaging unit
2470.0	KH 5	4044211052607	100 ST

Quick marking

Terminal marker / Pocket Maxicard, Length: 5 mm, Width: 8 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
9323.7	PMC SB 8/40 WH	4044211129231	400 ST

Screwdriver

Screwdriver with bare blade, Colour: Black-grey

Article number	Article name	GTIN (EAN)	Packaging unit
1087.0	SDB 0,8x4,0	4044211014803	1 ST