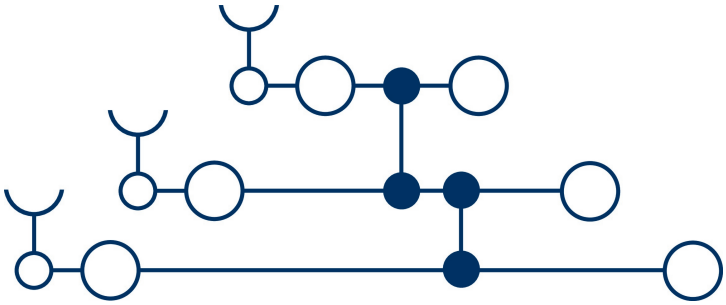
Data sheet

27041.3 PIKD 2,5/SV OG



Three-level initiator terminal |Multi-wire terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Grey

Business data

Article number	27041.3
Article name	PIKD 2,5/SV OG
GTIN (EAN)	4044211227401
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	17.95 g
Weight per piece (including packaging)	19.29 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	27041.6
Product description	Three-level initiator terminal | Multi-wire terminal

Data sheet

27041.3 PIKD 2,5/SV OG

Technical data

Dimensions

Length	102 mm
Width	5.1 mm
Height	56.2 mm
Height TS 35/7.5	57.7 mm

Ratings

Rated voltage	500 V
Rated current	20 A
Rated cross-section	2.5 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.92 W

Connection data

Connection principle	Push-in connection
Connection position	Top
Connections	6
Number of terminals per level	2
Number of levels	3
Levels internally bridged	✓
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm²
Wire cross-section single core (rigid)/stranded, max.	4 mm²
Wire cross-section stranded, min.	0.5 mm²
Wire cross-section stranded, max.	2.5 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	12
Stripping length	10 mm

Data sheet

27041.3 PIKD 2,5/SV OG

Technical data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-40 °C
Working temperature, max.	120 °C

Further technical data

Mounting type	Mounting rail TS 35/7,5 and TS 35/15
Gauge plug acc. to EN 60 947-1	A3
Number of cross-connection channels	3
End plate required	✓

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

cUL Recognized

cUL approval	CSA-C22.2 No. 158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	20 A
cUL Usegroup C: rated voltage	300 V
cUL Usegroup C: rated current	20 A
cUL Usegroup D: rated voltage	600 V
cUL Usegroup D: rated current	5 A
cUL wire cross-section single-core (rigid) AWG, min.	26
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	26
cUL wire cross-section stranded AWG, max.	12
cUL wire material	Cu
cUL File Number	E95701
cUL Recognized	1

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
KEMA KEUR approval applied for	yes

Approvals

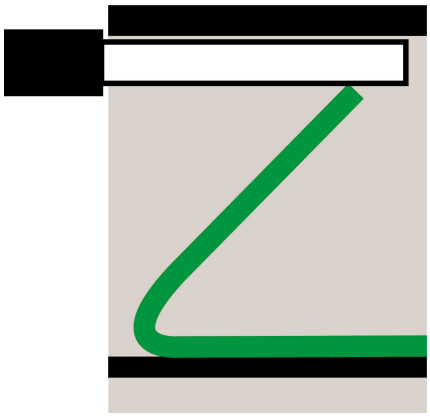
UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	20 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	5 A
UL wire cross-section single-core (rigid) AWG, min.	26
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	26
UL wire cross-section stranded AWG, max.	12
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Data sheet

27041.3 PIKD 2,5/SV OG

Media



Data sheet

27041.3 PIKD 2,5/SV OG

Accessories

End plate



End plate, Width: 1.5 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
27119.6	PAPIKD 2,5 GR	4044211227340	20

End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 5 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
3811.2	ZES 35/2 BG	4044211080600	50

Test plug



Test plug, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
2007.0	PS 2,3	4044211048105	20 ST

Identification adapter



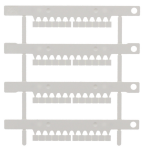
Label holder, Pitch size: 5.1 mm, Colour: grey

Article number	Article name	GTIN (EAN)	Packaging unit
27174.6	PBA 2 GR	4044211226947	20 ST

Quick marking

Data sheet

27041.3 PIKD 2,5/SV OG



Terminal marker / PC Card, Length: 5 mm, Width: 5 mm, Colour: White

Article number	Article name	GTIN (EAN)	Packaging unit
28342.7	PC-SB 5X5/48 WH	4044211210380	960 ST

Screwdriver



Screwdriver with bare blade, Colour:

Article number	Article name	GTIN (EAN)	Packaging unit
3169.0	SDB 0,4x2,5	4044211125202	1 ST