

Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm², Width: 8.1 mm, Colour: Orange

Business data

Article number	<u>27018.3</u>
Article name	PRK 6/2A OG
GTIN (EAN)	4044211227036
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	12.6 g
Weight per piece (including packaging)	13.56 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ, DE
Prio-Article	27018.6
Product description	Feed-through terminal

Technical data

Dimensions

Length	57.7 mm
Width	8.1 mm
Height	42 mm
Height TS 35/7.5	44 mm

Ratings

Rated voltage	1000 V
Rated current	41 A
Rated cross-section	6 mm ²
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	1.31 W

Connection data

Connection principle	Push-in connection
Connection position	Top
Connections	2
Number of terminals per level	2
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm ²
Wire cross-section single core (rigid)/stranded, max.	10 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	6 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	6 mm ²
Wire cross-section AWG, min.	20
Wire cross-section AWG, max.	8
Stripping length	12 mm

Materials

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

Technical data

Further technical data

Mounting type	Mounting rail TS 35/7,5 and TS 35/15
Gauge plug acc. to EN 60 947-1	A5
Number of cross-connection channels	2
End plate required	✓

Environmental Product Compliance

REACH Conform	Yes, yes
REACH Reference date	2023-06-14, 2024-06-27, 2024-06-27
REACH Candidate Substance Note	No
RoHS Conform	Yes, yes

Approvals

Standards and regulations

EAC approval	TR ZU 004/2011
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EAC approval granted	yes
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cUL Recognized

cUL approval	CSA-C22.2 No. 158
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cUL Usegroup B: rated voltage	600 V
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cUL Usegroup B: rated current	STR 40 / SOL 30 A
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cUL Usegroup C: rated voltage	600 V
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cUL Usegroup C: rated current	STR 40 / SOL 30 A
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cUL Usegroup D: rated voltage	600 V
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cUL Usegroup D: rated current	STR 40 / SOL 30 A
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cUL wire cross-section single-core (rigid) AWG, min.	20
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cUL wire cross-section single-core (rigid) AWG, max.	10
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cUL wire cross-section stranded AWG, min.	20
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cUL wire cross-section stranded AWG, max.	8
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cUL wire material	Cu
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cUL File Number	E95701
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cUL Recognized	yes
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KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
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KEMA KEUR approval applied for	yes
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KEMA KEUR approval granted	yes
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KEMA rated voltage	1000 V
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KEMA rated current	41 A
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KEMA rated impulse voltage	8 kV
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KEMA wire cross-section single core (rigid), min.	0.5 mm ²
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KEMA wire cross-section single-core (rigid), max.	10 mm ²
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KEMA wire cross-section stranded, min.	0.5 mm ²
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KEMA wire cross-section stranded, max.	6 mm ²
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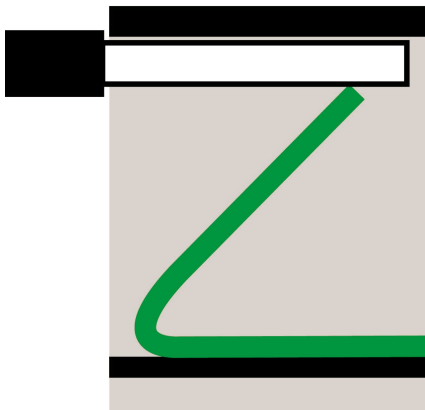
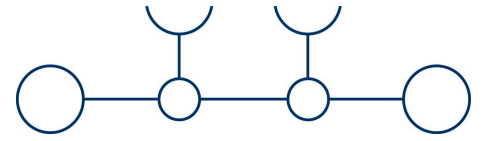
KEMA stripping length	12 mm
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Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	STR 40 / SOL 30 A
UL Usegroup C: rated voltage	600 V
UL Usegroup C: rated current	STR 40 / SOL 30 A
UL Usegroup D: rated voltage	600 V
UL Usegroup D: rated current	STR 40 / SOL 30 A
UL wire cross-section single-core (rigid) AWG, min.	20
UL wire cross-section single-core (rigid) AWG, max.	10
UL wire cross-section stranded AWG, min.	8
UL wire cross-section stranded AWG, max.	20
UL wire material	Cu
UL factory wiring	yes
UL field wiring	yes
UL File Number	E95701
UL Recognized	yes

Media



Accessories

End plate



End plate, Width: 1.5 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27109.6</u>	PAP 6/2A GR	4044211224745	20

End stop



End stop, Mounting type: Mounting rail TS 35/7.5 and TS 35/15, Width: 6 mm, Colour: Beige

Article number	Article name	GTIN (EAN)	Packaging unit
<u>3748.2</u>	ZES 35 BG	4044211060572	50

Test plug



Test plug, Colour: Red

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

Insulated cross-connector



Insulated cross-connector, No. of poles: 20, Mounting type: Plug in, Width: 159.4 mm, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27161.9</u>	PQI 6/20 RD	4044211225391	5

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

##INVERSE##CONTA-CONNECT

End plate, Width: 1.5 mm, Colour: Grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>27109.6</u>	PAP 6/2A GR	4044211224745	20