

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

Business data

Article number	<u>27018.9</u>
Article name	PRK 6/2A RD
GTIN (EAN)	4044211235383
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
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
REACH Reference date	2024-06-27
REACH Candidate Substance Note	No
RoHS Conform	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	1
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KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
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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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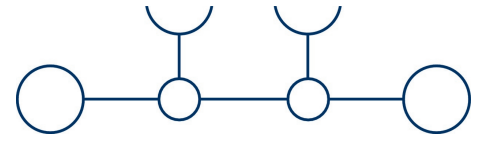
KEMA stripping length	12 mm
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Approvals

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	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Media



Accessories

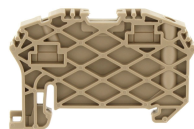
End plate



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