



Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 6 mm<sup>2</sup>, Width: 8.1 mm, Colour: Orange

### Business data

Article number	<u>27020.3</u>
Article name	PRK 6/3A OG
GTIN (EAN)	4044211227043
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	16.55 g
Weight per piece (including packaging)	17.64 g
Unit of weight	G
Customs number	85369010
Prio-Article	27020.6
Product description	Feed-through terminal

### Technical data

#### Dimensions

Length	74.1 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 <sup>2</sup>
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	3
Number of terminals per level	3
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	10 mm <sup>2</sup>
Wire cross-section stranded, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded, max.	6 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	6 mm <sup>2</sup>
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	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
----------------------	-----

#### cUL Recognized

cUL approval	CSA-C22.2 No. 158
--------------	-------------------

cUL Usegroup B: rated voltage	600 V
-------------------------------	-------

cUL Usegroup B: rated current	STR 40 / SOL 30 A
-------------------------------	-------------------

cUL Usegroup C: rated voltage	600 V
-------------------------------	-------

cUL Usegroup C: rated current	STR 40 / SOL 30 A
-------------------------------	-------------------

cUL Usegroup D: rated voltage	600 V
-------------------------------	-------

cUL Usegroup D: rated current	STR 40 / SOL 30 A
-------------------------------	-------------------

cUL wire cross-section single-core (rigid) AWG, min.	20
--	----

cUL wire cross-section single-core (rigid) AWG, max.	10
--	----

cUL wire cross-section stranded AWG, min.	20
---	----

cUL wire cross-section stranded AWG, max.	8
---	---

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	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

---



# EAC

### Accessories

#### End plate

End plate, Width: 1.5 mm, Colour: Grey



Article number	Article name	GTIN (EAN)	Packaging unit
<u>27110.6</u>	PAP 6/3A GR	4044211224790	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: 3, Mounting type: Plug in, Width: 21.7 mm, Colour: Red



Article number	Article name	GTIN (EAN)	Packaging unit
<u>27153.9</u>	PQI 6/3 RD	4044211225353	50

#### 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>27110.6</u>	PAP 6/3A GR	4044211224790	20