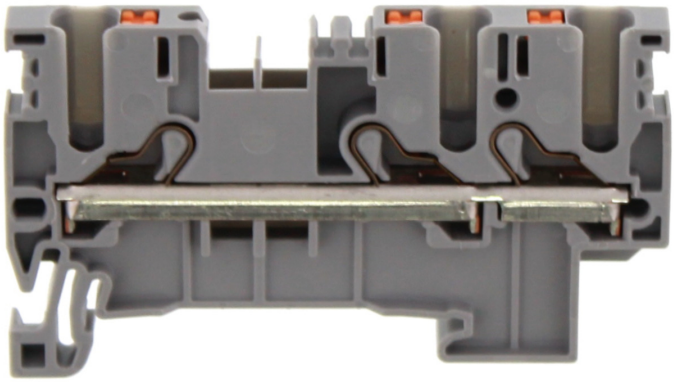
Data sheet

27008.6 PRK 2,5/3A GR



Feed-through terminal, Push-in connection, Mounting type: Mounting rail TS 35/7.5, Rated cross-section: 2.5 mm², Width: 5.1 mm, Colour: Grey

RAL: 7032

Business data

Article number	27008.6
Article name	PRK 2,5/3A GR
GTIN (EAN)	4044211223830
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	6.65 g
Weight per piece (including packaging)	7.34 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	27008.6
Product description	Feed-through terminal

Data sheet

27008.6 PRK 2,5/3A GR

Technical data

Dimensions

Length	60.35 mm
Width	5.1 mm
Height	35.2 mm
Height TS 35/7.5	36.7 mm

Ratings

Rated voltage	800 V
Rated current	24 A
Rated cross-section	2.5 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3
Maximum power dissipation for nominal condition	0.77 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 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

Materials

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

Data sheet

27008.6 PRK 2,5/3A GR

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	A3
Number of cross-connection channels	2
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	600 V
cUL Usegroup B: rated current	20 A
cUL Usegroup C: rated voltage	600 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

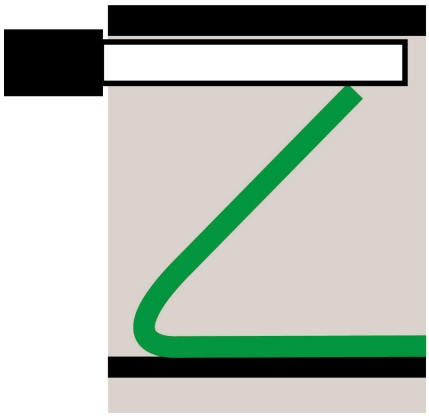
Approvals

UL Recognized

UL approval	UL 1059
UL Usegroup B: rated voltage	600 V
UL Usegroup B: rated current	20 A
UL Usegroup C: rated voltage	600 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.	12
UL wire cross-section stranded AWG, max.	26
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL File Number	E95701
UL Recognized	1

Media





Data sheet

27008.6 PRK 2,5/3A GR

Accessories

End plate



End plate, Width: 1.5 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
27104.6	PAP 2,5/3A GR	4044211224493	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

Insulated cross-connector



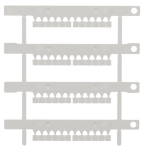
Insulated cross-connector, No. of poles: 10, Mounting type: Plug in, Width: 49.9 mm, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
27140.9	PQI 2,5/10 RD	4044211225261	10

Quick marking

Data sheet

27008.6 PRK 2,5/3A GR



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

##INVERSE##CONTA-CONNECT



End plate, Width: 1.5 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
27104.6	PAP 2,5/3A GR	4044211224493	20