

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

RAL: Ähnlich 7035

Business data

Article number	27046.6
Article name	PVMAK 2,5 GR
GTIN (EAN)	4044211227289
Packaging unit	50
Quantity unit	PC
Weight per piece (not including packaging)	24.2 g
Weight per piece (including packaging)	26.03 g
Unit of weight	G
Customs number	85369010
Country of origin	CZ
Prio-Article	27046.6
Product description	Motor-connection terminal
Colour	Grey

Technical data

Dimensions

Length	99.5 mm
Width	5.1 mm
Height	91.1 mm
Height TS 35/7.5	92.6 mm

Ratings

Rated voltage	800 V
Rated current	20 A
Rated cross-section	2.5 mm ²
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	Diagonal
Connections	3 x 2 + 1
Number of terminals per level	2
Number of levels	3
Wire cross-section single-core (rigid) / stranded, min.	0.5 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.5 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.5 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
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

27046.6 PVMAK 2,5 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	3
End plate required	✓

Environmental Product Compliance

REACH Conform	Yes
REACH Reference date	2024-06-27
REACH Candidate Substance Note	No
RoHS Conform	Yes

27046.6 PVMAK 2,5 GR

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	yes
----------------	-----

KEMA KEUR approval

KEMA KEUR approval	EN 60947-7-1:2009
--------------------	-------------------

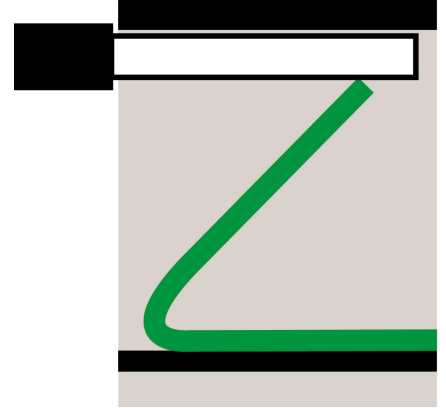
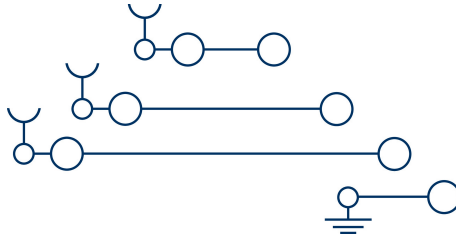
KEMA KEUR approval applied for	yes
--------------------------------	-----

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	yes
UL field wiring	yes
UL Recognized	yes

Media



27046.6 PVMAK 2,5 GR

Accessories

End plate



End plate, Width: 1.5 mm, Colour: Grey

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27120.6</u>	PAPVMAK 2,5 GR	4044211227357	20 ST

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
<u>3811.2</u>	ZES 35/2 BG	4044211080600	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: 2, Mounting type: Plug in, Width: 9.1 mm, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27132.9</u>	PQI 2,5/2 RD	4044211225223	50

27046.6 PVMAK 2,5 GR

Insulated cross-connector



Insulated cross-connector, No. of poles: 4, Mounting type: Plug in, Width: 19.3 mm, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27134.9</u>	PQI 2,5/4 RD	4044211225247	20



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
<u>27140.9</u>	PQI 2,5/10 RD	4044211225261	10



Insulated cross-connector, No. of poles: 2, Mounting type: Plug in, Width: 10.1 mm, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27142.9</u>	PQI 4/2 RD	4044211225285	50



Insulated cross-connector, No. of poles: 3, Mounting type: Plug in, Width: 14.2 mm, Colour: Red

Article number	Article name	GTIN (EAN)	Packaging unit
<u>27133.9</u>	PQI 2,5/3 RD	4044211225230	50

Identification adapter

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



Article number	Article name	GTIN (EAN)	Packaging unit
<u>27175.6</u>	PBA 3 GR	4044211226954	20 ST

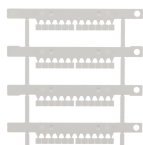
Label holder, Pitch size: 5.1 mm, Colour: grey



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

Quick marking

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



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

Screwdriver

Screwdriver with bare blade, Colour:



Article number	Article name	GTIN (EAN)	Packaging unit
<u>3169.0</u>	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
<u>27120.6</u>	PAPVMAK 2,5 GR	4044211227357	20 ST