

# Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

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VARIOFACE interface module, with LED, for 32 channels

## Your advantages

- With LED as an option
- Can be used for digital I/O modules
- Byte-by-byte labeling



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356451062

## Technical data

### Dimensions

Width	106.1 mm
Height	65.5 mm
Depth	56 mm

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

### General

Nominal voltage $U_N$	24 V DC
Max. perm. current (per branch)	1 A
Max. permissible current (separate power supply)	2 A (per byte)
Number of positions	50
Status display	LED

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## Technical data

### General

Mounting position	any
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### Connection data

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Connection data 2

Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	50
Pitch	2.54 mm

### Supported controller

Controller	SIEMENS S7-1500
- suitable I/O card	6ES7 521-1BL00-0AB0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-OB32
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
	IC694MDL660
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
	TC-ODD 321
Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX81

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## Technical data

### Supported controller

	QY81P
	QX42
	QX42-S1
	QY41P
	QH42P
	QX82
	QX82-S1
	QY82P
Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BL00-0AA0
Controller	Schneider Electric Modicon TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853
	DDO 353
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P

### Standards and Regulations

Connection in acc. with standard	CUL
Standards/regulations	IEC 60664
	DIN EN 50178
Rated surge voltage	0.6 kV
Pollution degree	2
Overvoltage category	II
Flammability rating according to UL 94	V0

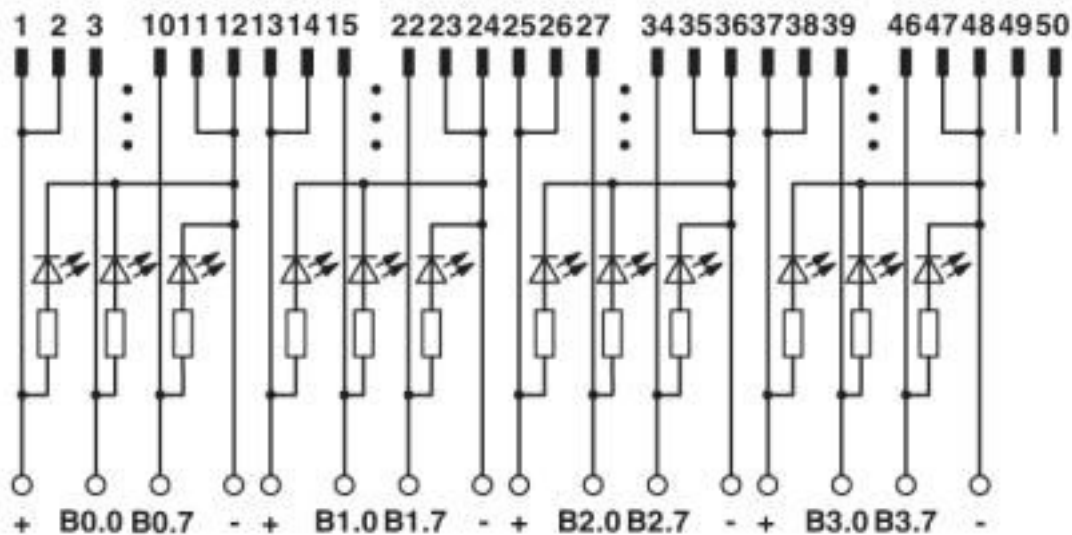
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

# Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

## Drawings

Circuit diagram



Connection scheme VIP-2/SC/FLK50/LED/PLC

## Classifications

### eCl@ss

eCl@ss 10.0.1	27141152
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27250300
eCl@ss 6.0	27242600
eCl@ss 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780
ETIM 7.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421

# Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

## Classifications

### UNSPSC

UNSPSC 13.2	39121432
UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

## Approvals


### Approvals


#### Approvals


CSA / UL Recognized / cUL Recognized / EAC / CSAus / EAC / cULus Recognized / cCSAus

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	2122203
Nominal voltage UN		24 V	
Nominal current IN		1 A	
mm <sup>2</sup> /AWG/kcmil		28-12	

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		24 V	
Nominal current IN		1 A	
mm <sup>2</sup> /AWG/kcmil		30-12	

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		24 V	
Nominal current IN		1 A	
mm <sup>2</sup> /AWG/kcmil		30-12	

# Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

## Approvals

EAC		EAC-Zulassung
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CSAus		<a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a>	2122203
Nominal voltage UN		24 V	
Nominal current IN		1 A	
mm <sup>2</sup> /AWG/kcmil		28-12	

EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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cCSAus	
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## Accessories

### Accessories

#### System cable

Cable - FLK 50/EZ-DR/ 50/KONFEK - 2289065



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 0.5 m

Cable - FLK 50/EZ-DR/ 100/KONFEK - 2289078



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

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#### Cable - FLK 50/EZ-DR/ 150/KONFEK - 2289081



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1.5 m

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#### Cable - FLK 50/EZ-DR/ 200/KONFEK - 2289094



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

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#### Cable - FLK 50/EZ-DR/ 250/KONFEK - 2289104



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2.5 m

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#### Cable - FLK 50/EZ-DR/ 300/KONFEK - 2289117



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3 m

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#### Cable - FLK 50/EZ-DR/ 350/KONFEK - 2289120



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 3.5 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

#### Cable - FLK 50/EZ-DR/ 400/KONFEK - 2289133



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4 m

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#### Cable - FLK 50/EZ-DR/ 450/KONFEK - 2289573



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 4.5 m

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#### Cable - FLK 50/EZ-DR/ 500/KONFEK - 2289586



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

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#### Cable - FLK 50/EZ-DR/ 550/KONFEK - 2289599



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5.5 m

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#### Cable - FLK 50/EZ-DR/ 600/KONFEK - 2289609



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

#### Cable - FLK 50/EZ-DR/ 650/KONFEK - 2289612



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6.5 m

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#### Cable - FLK 50/EZ-DR/ 700/KONFEK - 2289625



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7 m

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#### Cable - FLK 50/EZ-DR/ 750/KONFEK - 2289638



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7.5 m

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#### Cable - FLK 50/EZ-DR/ 800/KONFEK - 2289641



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8 m

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#### Cable - FLK 50/EZ-DR/ 850/KONFEK - 2289654



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8.5 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

#### Cable - FLK 50/EZ-DR/ 900/KONFEK - 2289667



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 9 m

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#### Cable - FLK 50/EZ-DR/ 950/KONFEK - 2289670



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 9.5 m

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#### Cable - FLK 50/EZ-DR/1000/KONFEK - 2289683



Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 10 m

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#### Cable - FLK EZ-DR.../.../... - 2295059



Round cable, with preassembly, not shielded, variable cable length

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#### Cable - FLK 50/EZ-DR/ 50/KONFEK/S - 2299097



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 0.5 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

Cable - FLK 50/EZ-DR/ 100/KONFEK/S - 2299107



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1 m

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Cable - FLK 50/EZ-DR/ 150/KONFEK/S - 2299110



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 1.5 m

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Cable - FLK 50/EZ-DR/ 200/KONFEK/S - 2299123



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 2 m

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Cable - FLK 50/EZ-DR/ 300/KONFEK/S - 2299136



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 3 m

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Cable - FLK 50/EZ-DR/ 400/KONFEK/S - 2299149



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 4 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

Cable - FLK 50/EZ-DR/ 600/KONFEK/S - 2299152



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 6 m

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Cable - FLK 50/EZ-DR/ 800/KONFEK/S - 2299165



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 8 m

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Cable - FLK 50/EZ-DR/1000/KONFEK/S - 2299178



Assembled shielded round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position) (The braided shield is routed to a separate cable end.); cable length: 10 m

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Cable - FLK EZ-DR-S.../.../... - 2295046



Round cable, with preassembly, shielded, variable cable length

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Cable - CABLE-FLK50/0,14/HF/ 0,5M - 2314134



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 0.5 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

Cable - CABLE-FLK50/0,14/HF/ 1,0M - 2314147



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 m

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Cable - CABLE-FLK50/0,14/HF/ 1,5M - 2314150



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1.5 m

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Cable - CABLE-FLK50/0,14/HF/ 2,0M - 2314163



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2 m

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Cable - CABLE-FLK50/0,14/HF/ 2,5M - 2314176



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 2.5 m

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Cable - CABLE-FLK50/0,14/HF/ 5,0M - 2314202



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 5 m

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

Cable - CABLE-FLK50/0,14/HF/ 6,0M - 2314215



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6 m

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Cable - CABLE-FLK50/0,14/HF/ 7,0M - 2314228



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7 m

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Cable - CABLE-FLK50/0,14/HF/ 8,0M - 2314231



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8 m

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Cable - CABLE-FLK50-0,14-HF/... - 2314257



Assembled, halogen-free round cable; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: variable

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### Terminal marking

Marker for terminal blocks - UC-TM 4 - 0818111



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

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## Passive module - VIP-2/SC/FLK50/LED/PLC - 2322252

### Accessories

#### Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

#### Marker for terminal blocks - UCT-TM 6 - 0828736



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

#### Zack marker strip - ZB 5,08:UNBEDRUCKT - 0809793



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 5.08 mm, lettering field size: 4.98 x 10.5 mm, Number of individual labels: 10

#### Zack marker strip - ZB 22:UNBEDRUCKT - 0811862



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 22 mm, lettering field size: 10.5 x 21.8 mm, Number of individual labels: 4

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