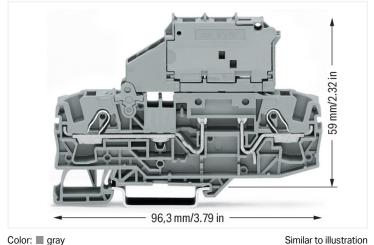
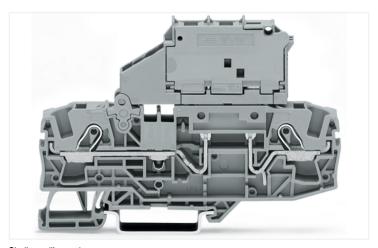
2-conductor fuse terminal block; with pivoting fuse holder; for glass cartridge fuse $\frac{1}{4}$ " x $\frac{1}{4}$ "; with blown fuse indication by LED; 120 V; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP[®]; gray



https://www.wago.com/2006-1631/1000-867





Similar to illustration

Similar to illustration

Fuse terminal block, 2006 Series, operating tool

Quick and easy connections are guaranteed with this fuse terminal block (item number 2006-1631/1000-867). Ensure that the strip lengths are between 13 mm and 15 mm when connecting conductors to this fuse terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be plugged in without the need for tools—all thanks to its pluggable design. This fuse terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 10 mm². It comes with one level and two clamping points that you can use to connect a single potential. The gray housing is made of polyamide (PA66) for insulation. These function terminal blocks are mounted using DIN-35 rails..

Electrical data			
Ratings per	IEC/	EN 60947-	7-3
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 V	-	-
Rated surge voltage	8 kV	-	-
Rated current	10 A	-	-

Ratings per IEC/EN – Notes	
Ratings (note)	Electrical ratings are given by the fuse and blown fuse indication.
Rated current (note)	Leakage current in case of a blown fuse: LED 2 mA

Data Sheet | Item Number: 2006-1631/1000-867 https://www.wago.com/2006-1631/1000-867



Approvals per		UL 1059	
Use group	В	С	D
Rated voltage	120 V	120 V	-
Rated current	15 A	15 A	-

Approvals per	CS	SA 22.2 No 1	58
Use group	В	С	D
Rated voltage	120 V	120 V	-
Rated current	15 A	15 A	-

Power Loss	
Power loss (max.) P _{I (max.)} (note)	When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.
Power loss P ₁ max. overload and short- circuit protection (individual arrange- ment)	1.6 W
Power loss P _I max. overload and short- circuit protection (group arrangement)	1.6 W
Power loss $P_{\rm I}$ max. short-circuit protection (individual arrangement)	2.5 W
Power loss P _I max. short-circuit protection (group arrangement)	2.5 W

General information	
Fuse receptacle	pivoting
Fuse type	Cylindrical fuse; 1/4" x 11/4"

tion data				
ng units	2		Connection 1	
ımber of potentials	1		Connection technology	Push-in CAGE CLAMP®
r of levels	1		Actuation type	Operating tool
r of jumper slots	2		Connectable conductor materials	Copper
			Nominal cross-section	6 mm²
			Solid conductor	0.5 10 mm² / 20 8 AWG
			Solid conductor; push-in termination	1 10 mm² / 14 8 AWG
			Fine-stranded conductor	0.5 10 mm² / 20 8 AWG
	Fine-stranded conductor; with insulated ferrule	0.5 6 mm² / 20 10 AWG		
	Fine-stranded conductor; with ferrule; push-in termination	2.5 6 mm² / 16 10 AWG		
	Note (conductor cross-section)	Depending on the conductor charact stic, a conductor with a smaller cross section can also be inserted via push termination.		
	Strip length	13 15 mm / 0.51 0.59 inches		
			Wiring direction	Front-entry wiring

Physical data	
Width	7.5 mm / 0.295 inches
Height	96.3 mm / 3.791 inches
Depth from upper-edge of DIN-rail	59 mm / 2.323 inches

Data Sheet | Item Number: 2006-1631/1000-867 https://www.wago.com/2006-1631/1000-867



Mechanical data	
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data Note (material data) Information on material specifications can be found here Color gray Material group I Insulation material (main housing) Polyamide (PA66) Flammability class per UL94 V0		
Color gray Material group I Polyamide (PA66) Insulation material (main housing)	Material data	
Color gray Material group I Insulation material (main housing) Polyamide (PA66)	Note (material data)	
Material group I Insulation material (main housing) Polyamide (PA66)		<u>Information on material specifications can be found here</u>
Insulation material (main housing) Polyamide (PA66)	Color	gray
	Material group	I
Flammability class per UL94 V0	Insulation material (main housing)	Polyamide (PA66)
	Flammability class per UL94	V0
Fire load 0.444 MJ	Fire load	0.444 MJ
Weight 24.9 g	Weight	24.9 g

Environmental requirements			
Processing temperature	-35 +50 °C	Environmental Testing (Environme	ntal Conditions)
Continuous operating temperature -60 +50 °C	Test specification Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06	
		Test procedure Railway applications – Rolling stock equipment – Shock and vibration tests	DIN EN 61373 (VDE 0115-0106):2011-04
		Spectrum/Installation location	Service life test, Category 1, Class A/B
		Function test with noise-like vibration	Test passed according to Section 8 of the standard
		Frequency	$f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$ $f_1 = 5 \text{ Hz to } f_2 = 150 \text{ Hz}$
	Acceleration	0.101g (highest test level used for all axes) 0.572g (highest test level used for all axes) 5g (highest test level used for all axes)	
	Test duration per axis	10 min. 5 h	
	Test directions	X, Y and Z axes X, Y and Z axes X, Y and Z axes	
	Monitoring for contact faults/interruptions	Passed	
		Voltage drop measurement before and after each axis	Passed
		Simulated service life test through increased levels of noise-like vibration	Test passed according to Section 9 of the standard
		Extended test scope: Monitoring for contact faults/interruptions	Passed Passed
		Extended test scope: Voltage drop measurement before and after each axis	Passed Passed
	Shock test	Test passed according to Section 10 of the standard	
	Shock form	Half sine	
	Shock duration	30 ms	
	Number of shocks per axis	3 pos. und 3 neg.	
	Vibration and shock stress for rolling stock equipment	Passed	

https://www.wago.com/2006-1631/1000-867



Commercial data	
Product Group	22 (TOPJOB S)
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821183570
Customs tariff number	85369095000

Product classification	
UNSPSC	39121410
eCl@ss 10.0	27-14-11-16
eCl@ss 9.0	27-14-11-16
ETIM 9.0	EC000899
ETIM 8.0	EC000899
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
CAS-No.	1303-86-2 1317-36-8 7439-92-1
REACH Candidate List Substance	Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-l
SCIP notification number (Austria)	7bec6b5c-be83-402e-bd5e-5af0fdf9ac9b
SCIP notification number (Belgium)	10b4124f-cc3b-47d8-b1af-96b784b19b49
SCIP notification number (Bulgaria)	2fbfaf1c-134b-4e57-bfbb-9d39af8dbcbe
SCIP notification number (Czech Republic)	37003828-1614-45e0-91e9-674ccad6a1d4
SCIP notification number (Denmark)	2973d8b9-8a3f-401e-ab17-bb07a215f635
SCIP notification number (Finland)	83555fe7-72d3-4727-8d24-88d13810a5b5
SCIP notification number (France)	32f05108-7cbc-4fc0-bd64-bb4524ebff54
SCIP notification number (Germany)	c38565be-7019-47d4-9d61-167e640ba101
SCIP notification number (Hungary)	224e17ce-34a6-4cc4-a63e-d7076784726a
SCIP notification number (Italy)	0014eaee-5559-4f60-b2d0-51b8823e63e8
SCIP notification number (Netherlands)	d54c9602-c92c-474f-8016-b2bec5966bf6
SCIP notification number (Poland)	7cdda34f-db87-4acf-b8bf-5f1eae3542fb
SCIP notification number (Romania)	08d21e73-4489-4e46-b6b8-6b100a895c8f
SCIP notification number (Sweden)	4cbabcdc-f194-45a1-8ee7-5ff3168bfc9e

Approvals / Certificates

General approvals







Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	IEC 60947	71-122840 REV.1
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7925/1
CSA DEKRA Certification B.V.	C22.2 No. 158	1543858
UR Underwriters Laboratorie Inc.	UL 1059 s	E45172

Declarations of conformity and manufacturer's declarations



Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Railway Ready
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

https://www.wago.com/2006-1631/1000-867



Approvals for marine applications





Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Llovd	-	TAE00001V2

Downloads Environmental Product Compliance Compliance Search Environmental Product Compliance 2006-1631/1000-867

Documentation			
Bid Text			
2006-1631/1000-867	18.04.2019	xml 4.28 KB	<u>↓</u>
2006-1631/1000-867	17.04.2019	docx 15.71 KB	$\underline{\downarrow}$

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2006-1631/1000-867	EPLAN Data Portal 2006-1631/1000-867
	WSCAD Universe 2006-1631/1000-867
	ZUKEN Portal 2006-1631/1000-867

https://www.wago.com/2006-1631/1000-867



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate

Item No.: 2006-1691



End and intermediate plate; 1 mm thick;



End and intermediate plate; 1 mm thick; orange



Item No.: 2006-991

End plate for fuse terminal blocks; 2 mm thick; gray



Item No.: 2006-992

End plate for fuse terminal blocks; 2 mm thick; orange

1.2 Optional Accessories

1.2.1 Cover

arav

1.2.1.1 Cover



Item No.: 2006-191

Lockout cap; for wire insertion and actuating opening; gray

1.2.2 DIN-rail

1.2.2.1 Mounting accessories



Item No.: 210-196

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item No.: 210-198

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



Item No.: 210-508

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored



Item No.: 210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-506

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



Item No.: 210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-115

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



Item No.: 210-112

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

Item No.: 210-504

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

Item No.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-505

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

1.2.3 Installation

1.2.3.1 Cover



Item No.: 709-156

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

https://www.wago.com/2006-1631/1000-867



1.2.3.2 Cover carrier



Item No.: 709-169

Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.4 Jumper

1.2.4.1 Jumper



Item No.: 2006-402

Jumper; 2-way; insulated; light gray



Item No.: 2006-433

Jumper; from 1 to 3; insulated; light gray



Jumper; 3-way; insulated; light gray



Item No.: 2006-434

Jumper; from 1 to 4; insulated; light gray



Item No.: 2006-404

Jumper; 4-way; insulated; light gray



Item No.: 2006-435

Jumper; from 1 to 5; insulated; light gray



Item No.: 2006-405

Jumper; 5-way; insulated; light gray



Item No.: 2006-405/011-000

Star point jumper; 3-way; insulated; light gray

1.2.5 Locking system

1.2.5.1 Locking system



Item No.: 210-254

Interlocking link; mechanically locks multiple links; 1 m long; transparent

1.2.6 Marking

1.2.6.1 Marker

Item No.: 2009-145/000-006

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 2009-145/000-007

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-145/000-023

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-145/000-012

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 2009-145/000-005

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 248-501/000-006

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



Item No.: 248-501/000-012

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange

Item No.: 2009-145/000-024

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 248-501/000-007

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

Item No.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

Item No.: 2009-145

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 248-501/000-023

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



Item No.: 248-501/000-024

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

Item No.: 2009-145/000-002

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 248-501/000-017

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 248-501

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

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1.2.6.1 Marker





Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 793-5501/000-006

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; blue



Item No.: 793-5501/000-014

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; brown



Item No.: 793-5501/000-007

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; gray



Item No.: 793-5501/000-023

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; light green



Item No.: 793-5501/000-012 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; orange

Item No.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; red



Item No.: 793-5501/000-024

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; violet



Item No.: 793-5501 WMB marking card; as card; for terminal

block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; white

WMB marking card; as card; not stretcha-

WMB marking card; as card; not stretcha-



WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 -5.2 mm; plain; snap-on type; yellow

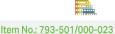
Item No.: 793-501/000-006

WMB marking card; as card; not stretchable: plain: snap-on type: blue



Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray



ble; plain; snap-on type; green

Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white

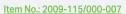


WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-005

snap-on type; red

ble; plain; snap-on type; violet

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

WMB-Inline; for Smart Printer; 1500 pie-

ces on roll; stretchable 5 - 5.2 mm; plain;

Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green





WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-115/000-024

Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snapon type; yellow

1.2.6.2 Marker carrier



Item No.: 2009-198 Adaptor; gray

1.2.6.3 Marking strip



Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

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1.2.7 Protective warning marker

1.2.7.1 Cover



Item No.: 2006-115

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; vellow

1.2.8 Screwless end stop

1.2.8.1 Mounting accessories





Item No.: 249-117

Screwless end stop; 10 mm wide; for DIN-rail 35×15 and 35×7.5 ; gray

Item No.: 249-116

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.2.9 Test and measurement

1.2.9.1 Testing accessories



Item No.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

1.2.10 Tool

1.2.10.1 Operating tool

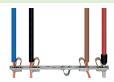


Item No.: 210-721

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination









Inserting a conductor via push-in termination:

Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

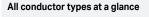


Inserting a conductor via operating tool:

Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

Advantage:

To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.



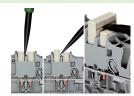
https://www.wago.com/2006-1631/1000-867

W/AGO

Commoning



Insert push-in type jumper bar and push down until it hits backstop.



Removing a push-in type jumper bar: Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper. Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.



Pivoting fuse holder with spare fuse holder



Fused disconnect terminal block with a pivoting fuse holder

Pivot the fuse holder into the locked open position.



Fused disconnect terminal block with a pivoting fuse holder

Fuse replacement: Open the cover to replace the fuse



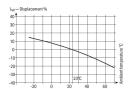
Application Notes on Terminal Blocks for Glass Cartridge Fuses

Diagram: "Individual Arrangement"



Application Notes on Terminal Blocks for Glass Cartridge Fuses

Diagram: "Block Arrangement"



Application Notes on Terminal Blocks for Glass Cartridge Fuses

Nominal current ratings for fuse cartridges are defined differently in international standards. This is why the recommended continuous current-carrying capacity of the fuses is a max. 80% of their nominal current according to DIN 72581/ Part 3 (for a surrounding air temperature of 23°C).

Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges will only operate perfectly as protection components (break-off point) if they are properly selected and used as intended (i.e., according to the state of the technology and valid specifications, as well as data sheet characteristics), according to basic safety requirements (i.e., persons, animals and property must be protected against hazards).



Concerning product safety, fuse cartridges must generally be tested under both normal and faulty operating conditions within your application.

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Marking





Snapping WMB Inline markers into marker slots.

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$