

Overview

The LZX complete units and accessory parts previously available are no longer listed in this catalog. They can still be supplied however in limited quantities. In their place you will now find the new LZS types. LZS complete units are fully compatible with their predecessors, the LZX complete units. The LZX plug-in relays have not been changed and are used accordingly in both the LZS and the LZX series.

Due to differences in geometry the LED modules, plug-in bases, fixing brackets and labels can be combined and/or used in only the respective series, LZS or LZX.

List for converting from LZX to LZS relay couplers:

Complete units	
Previous Order No.	New Order No.
LZX:PT3A5L24	LZS:PT3A5L24
LZX:PT3A5R24	LZS:PT3A5R24
LZX:PT3A5S15	LZS:PT3A5S15
LZX:PT3A5T30	LZS:PT3A5T30
LZX:PT5A5L24	LZS:PT5A5L24
LZX:PT5A5R24	LZS:PT5A5R24
LZX:PT5A5S15	LZS:PT5A5S15
LZX:PT5A5T30	LZS:PT5A5T30
LZX:PT5B5L24	LZS:PT5B5L24
LZX:PT5B5R24	LZS:PT5B5R24
LZX:PT5B5S15	LZS:PT5B5S15
LZX:PT5B5T30	LZS:PT5B5T30
LZX:RT3A4L24	LZS:RT3A4L24
LZX:RT3A4R24	LZS:RT3A4R24
LZX:RT3A4S15	LZS:RT3A4S15
LZX:RT3A4T30	LZS:RT3A4T30
LZX:RT3B4L24	LZS:RT3B4L24
LZX:RT3B4R24	LZS:RT3B4R24
LZX:RT3B4S15	LZS:RT3B4S15
LZX:RT3B4T30	LZS:RT3B4T30
LZX:RT4A4L24	LZS:RT4A4L24
LZX:RT4A4R24	LZS:RT4A4R24
LZX:RT4A4S15	LZS:RT4A4S15
LZX:RT4A4T30	LZS:RT4A4T30
LZX:RT4B4L24	LZS:RT4B4L24
LZX:RT4B4R24	LZS:RT4B4R24
LZX:RT4B4S15	LZS:RT4B4S15
LZX:RT4B4T30	LZS:RT4B4T30

Prices for the new LZS series are lower than for the previous LZX series. In addition the LZS series offers not only service-proven screw connections but also variants with push-in terminals.

The following conversion list will help you to change over from the LZX types previously sold to the new LZS types. Please contact your regional adviser if you have any questions.



List for converting from LZX to LZS accessories for individual modules:

Accessories for individual modules	
Previous Order No.	New Order No.
LZX:MT28800	LZS:MT28800
LZX:MT78750	LZS:MT78750
LZX:PT16016	LZS:PT17024
LZX:PT16040	LZS:PT17040
LZX:PT78702	LZS:PT78720
LZX:PT78703	LZS:PT78730
LZX:PT78704	LZS:PT78740
LZX:PT78802	LZS:PT78722
LZX:PT78804	LZS:PT78742
LZX:RPMG0024	LZS:PTMG0024
LZX:RPMG0524	LZS:PTMG0524
LZX:RPMG0730	LZS:PTMG0730
LZX:RPML0024	LZS:PTML0024
LZX:RPML0524	LZS:PTML0524
LZX:RPML0730	LZS:PTML0730
LZX:RPMT00A0	LZS:PTMT00A0
LZX:RPMU0548	LZS:PTMU0524
LZX:RPMU0730	LZS:PTMU0730
LZX:RT16016	LZS:RT17016
LZX:RT78625	LZS:RT78725
LZX:RT78626	LZS:RT78726
LZX:RY16040	LZS:RT17040

LZS, LZX Plug-in Relays

Relay couplers

Selection and ordering data

Version	Rated control supply voltage U_s at AC 50/60 Hz	Contacts, number of CO contacts	Width	DT	Screw terminals	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	V		mm		Order No.	Price per PU			kg	
Complete units, 11- and 14-pole, PT series										
Complete units with plug-in base										
For snap-on mounting onto 35 mm standard mounting rail comprising:										
<ul style="list-style-type: none"> • Plug-in relays • Standard plug-in base with screw terminal • LED module (version 24 V DC: LED module with freewheel diode) • Fixing/ejection bracket • Labels 										
 LZS:PT3A5L24	3 CO	24 DC	3	28	A	LZS:PT3A5L24	1	5 units	101	0.085
		24 AC				LZS:PT3A5R24				
		115 AC				LZS:PT3A5S15				
		230 AC				LZS:PT3A5T30				
	4 CO	24 DC	4	28	A	LZS:PT5A5L24	1	5 units	101	0.090
		24 AC				LZS:PT5A5R24				
		115 AC				LZS:PT5A5S15				
		230 AC				LZS:PT5A5T30				
Complete units with plug-in base (logical isolation)¹⁾										
For snap-on mounting onto 35 mm standard mounting rail comprising:										
<ul style="list-style-type: none"> • Plug-in relays • Plug-in base with logical isolation and screw terminals • LED module (version 24 V DC: LED module with freewheel diode) • Fixing/ejection bracket • Labels 										
	4 CO	24 DC	4	28	A	LZS:PT5B5L24	1	5 units	101	0.095
		24 AC				LZS:PT5B5R24				
		115 AC				LZS:PT5B5S15				
		230 AC				LZS:PT5B5T30				
Push-in terminals										
					Order No.	Price per PU				
Complete units, 11- and 14-pole, PT series										
Complete units with plug-in base (logical isolation)¹⁾										
For snap-on mounting onto 35 mm standard mounting rail comprising:										
<ul style="list-style-type: none"> • Plug-in relays • Plug-in base with logical isolation and push-in terminals • LED module (version 24 V DC: LED module with freewheel diode) • Fixing/ejection bracket • Labels 										
 LZS:PT5D5L24	4 CO	24 DC	4	28	A	LZS:PT5D5L24	1	5 units	101	0.098
		24 AC				LZS:PT5D5R24				
		115 AC				LZS:PT5D5S15				
		230 AC				LZS:PT5D5T30				

¹⁾ Note:


Logical isolation: The terminals for the contacts and the terminals for the coil are arranged on separate levels, e.g. above for contacts and below for the coil. Logical isolation is not necessarily safe isolation (see the technical specifications of the relay types).

Safe isolation: Safe isolation prevents voltage of one circuit affecting another circuit with sufficient protection (EN 61140).





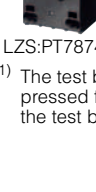
* You can order this quantity or a multiple thereof.

LZS, LZX Plug-in Relays

Relay couplers

Version	Rated control supply voltage U_s at AC 50/60 Hz	Contacts, number of CO contacts	Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V		mm							kg
Individual modules for customer assembly, PT series										
Industrial relays, 8-, 11-, and 14-pole										
 LZX:PT370024	Mini industrial relays									
	• With test bracket and mechanical switch position indicator, without LED ¹⁾									
	24 DC	2	22.5	▶	LZX:PT270024		1	1 unit	101	0.030
		3		▶	LZX:PT370024		1	1 unit	101	0.031
		4		▶	LZX:PT570024		1	1 unit	101	0.031
	24 AC	2	22.5	C	LZX:PT270524		1	1 unit	101	0.030
		3		A	LZX:PT370524		1	1 unit	101	0.031
		4		▶	LZX:PT570524		1	1 unit	101	0.031
	115 AC	2	22.5	C	LZX:PT270615		1	1 unit	101	0.028
		3		A	LZX:PT370615		1	1 unit	101	0.030
		4		▶	LZX:PT570615		1	1 unit	101	0.030
	230 AC	2	22.5	▶	LZX:PT270730		1	1 unit	101	0.029
		3		▶	LZX:PT370730		1	1 unit	101	0.030
		4		▶	LZX:PT570730		1	1 unit	101	0.030
	• With hard gold-plating									
24 DC	4	22.5	▶	LZX:PT580024		1	1 unit	101	0.031	
230 AC			▶	LZX:PT580730		1	1 unit	101	0.031	
• Without test bracket										
24 DC	4	22.5	C	LZX:PT520024		1	1 unit	101	0.031	
230 AC			C	LZX:PT520730		1	1 unit	101	0.031	

Plug-in bases for PT relays






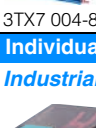


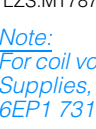
 LZS:PT78720	Standard plug-in bases with screw terminal									
	For mounting onto standard mounting rail									
	--	2	28	▶	LZS:PT78720		1	1 unit	101	0.045
		3		▶	LZS:PT78730		1	1 unit	101	0.048
	4		▶	LZS:PT78740		1	1 unit	101	0.050	
 LZS:PT78722	Plug-in bases with logical isolation²⁾ and screw terminals									
	For mounting onto standard mounting rail									
--	2	28	▶	LZS:PT78722		1	1 unit	101	0.048	
	4		▶	LZS:PT78742		1	1 unit	101	0.050	
 LZS:PT78740	Plug-in bases with logical isolation²⁾ with push-in terminals									
	For mounting onto standard mounting rail									
--	2	28	▶	LZS:PT7872P		1	1 unit	101	0.045	
	4		▶	LZS:PT7874P		1	1 unit	101	0.050	
 LZS:PT78722										
 LZS:PT7874P										

¹⁾ The test bracket is designed to be non-latching. If the test bracket is pressed further until 90° has been reached, two small lugs break off and the test bracket can be latched in position.

²⁾ **Note:**
Logical isolation: The terminals for the contacts and the terminals for the coil are arranged on separate levels, e.g. above for contacts and below for coil. Logical isolation is not necessarily safe isolation (see the technical specifications of the relay types).
Safe isolation: Safe isolation prevents voltage of one circuit affecting another circuit with sufficient protection (EN 61140).



LZS, LZX Plug-in Relays

Relay couplers

Version	Rated control supply voltage U_s at AC 50/60 Hz	Contacts, number of CO contacts	Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V		mm							kg
Individual modules for customer assembly, PT series										
<i>More individual modules</i>										
LED modules										
• Red										
	With freewheel diode	24 DC	--	12.5	▶ LZS:PTML0024		1	1 unit	101	0.004
LZS:PTML0024	Without freewheel diode	24 AC/DC			▶ LZS:PTML0524		1	1 unit	101	0.004
		110 ... 230 AC/DC			▶ LZS:PTML0730		1	1 unit	101	0.004
• Green										
	With freewheel diode	24 DC	--	12.5	▶ LZS:PTMG0024		1	1 unit	101	0.004
LZS:PTMG0024	Without freewheel diode	24 AC			▶ LZS:PTMG0524		1	1 unit	101	0.004
		110 ... 230 AC/DC			▶ LZS:PTMG0730		1	1 unit	101	0.004
Fixing/ejection brackets for PT base										
	With logical isolation ¹⁾ , screw terminals and push-in terminals		--	26	▶ LZS:PT17021		100	10 units	101	0.300
LZS:PT17021										
Fixing/ejection brackets for standard plug-in base										
	Without logical isolation, screw terminals		--	26	▶ LZS:PT17024		100	10 units	101	0.300
LZS:PT17024										
Labels										
			--	26	▶ LZS:PT17040		100	10 units	101	0.200
LZS:PT17040										
RC elements										
		24 ... 48 AC	--	26	▶ LZS:PTMU0524		1	1 unit	101	0.004
LZS:PTMU0524		110 ... 230 AC			▶ LZS:PTMU0730		1	1 unit	101	0.004
LZS:PTMU0730										
Freewheel diodes with connection to A1										
		6 ... 230 DC	--	26	▶ LZS:PTMT00A0		1	1 unit	101	0.004
LZS:PTMT00A0										
Connecting cables										
	24-pole, current carrying capacity 12 A, with supply, blue				A 3TX7 004-8BA00		1	1 unit	101	0.040
LZS:PTMU0730										
	3TX7 004-8BA00									

Individual modules for customer assembly, MT series

Industrial relays, 11-pole

Industrial relays with test bracket											
	Without LED	24 DC	3	35.5	A	▶ LZX:MT321024		1	1 unit	101	0.088
LZX:MT326024	With LED					▶ LZX:MT323024		1	1 unit	101	0.088
	Without LED	24 AC	3	35.5	A	▶ LZX:MT326024		1	1 unit	101	0.089
	With LED				C	▶ LZX:MT328024		1	1 unit	101	0.089
	Without LED	115 AC	3	35.5	C	▶ LZX:MT326115		1	1 unit	101	0.087
	With LED				C	▶ LZX:MT328115		1	1 unit	101	0.088
	Without LED	230 AC	3	35.5	A	▶ LZX:MT326230		1	1 unit	101	0.089
	With LED				A	▶ LZX:MT328230		1	1 unit	101	0.089
Plug-in bases for mounting onto standard mounting rail											
For mounting onto standard mounting rail											
	With screw terminal		--	38	▶ LZS:MT78750		1	1 unit	101	0.050	
LZS:MT78750											
Fixing brackets											
			--	38	▶ LZS:MT28800		1	1 unit	101	0.003	

Note:

For coil voltages which are not listed, see SITOP power DC Power Supplies, e.g. 6EP1 331-2AB10 and 6EP1 731-2AB00, in "Power Supplies".

¹⁾ Note:

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Safe isolation: Safe isolation prevents voltage of one circuit affecting another circuit with sufficient protection (EN 61140).

LZS, LZX Plug-in Relays

Relay couplers

Version	Rated control supply voltage U_s at AC 50/60 Hz	Contacts, number of CO contacts	Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	V		mm							kg	
Complete units, 8-pole, 5 mm pinning, RT series											
Complete units with standard plug-in base					Screw terminals						
For snap-on mounting onto 35 mm standard mounting rail comprising:											
<ul style="list-style-type: none"> • Plug-in relays • Standard plug-in base with screw terminal • LED module (version 24 V DC: LED module with freewheel diode) • Fixing/ejection bracket • Labels 											
1 CO	24 DC	1	15.5	A	LZS:RT3A4L24		1	5 units	101	0.052	
	24 AC			A	LZS:RT3A4R24		1	5 units	101	0.052	
	115 AC			A	LZS:RT3A4S15		1	5 units	101	0.052	
	230 AC			A	LZS:RT3A4T30		1	5 units	101	0.052	
2 CO	24 DC	2	15.5	A	LZS:RT4A4L24		1	5 units	101	0.052	
	24 AC			A	LZS:RT4A4R24		1	5 units	101	0.052	
	115 AC			A	LZS:RT4A4S15		1	5 units	101	0.052	
	230 AC			A	LZS:RT4A4T30		1	5 units	101	0.052	
Complete units with plug-in base with logical isolation and screw terminals											
For snap-on mounting onto 35 mm standard mounting rail comprising:											
<ul style="list-style-type: none"> • Plug-in relays • Plug-in base with logical isolation and screw terminals • LED module (version 24 V DC: LED module with freewheel diode) • Fixing/ejection bracket • Labels 											
LZS:RT4B4T30	1 CO	24 DC	1	15.5	A	LZS:RT3B4L24		1	5 units	101	0.055
		24 AC			A	LZS:RT3B4R24		1	5 units	101	0.055
	115 AC			A	LZS:RT3B4S15		1	5 units	101	0.055	
	230 AC			A	LZS:RT3B4T30		1	5 units	101	0.055	
	24 DC	2	15.5	A	LZS:RT4B4L24		1	5 units	101	0.055	
	24 AC			A	LZS:RT4B4R24		1	5 units	101	0.055	
	115 AC			A	LZS:RT4B4S15		1	5 units	101	0.055	
	230 AC			A	LZS:RT4B4T30		1	5 units	101	0.055	
					Push-in terminals						
					Order No.	Price per PU					
Complete units, 8-pole, 5 mm pinning, RT series											
Complete units with plug-in base with logical isolation and push-in terminals											
For snap-on mounting onto 35 mm standard mounting rail comprising:											
<ul style="list-style-type: none"> • Plug-in relays • Plug-in base with logical isolation and push-in terminals • LED module (version 24 V DC: LED module with freewheel diode) • Fixing/ejection bracket • Labels 											
LZS:RT3D4L24	1 CO	24 DC	1	15.5	A	LZS:RT3D4L24		1	5 units	101	0.065
		24 AC			A	LZS:RT3D4R24		1	5 units	101	0.065
		115 AC			A	LZS:RT3D4S15		1	5 units	101	0.065
		230 AC			A	LZS:RT3D4T30		1	5 units	101	0.065
	24 DC	2	15.5	A	LZS:RT4D4L24		1	5 units	101	0.065	
	24 AC			A	LZS:RT4D4R24		1	5 units	101	0.065	
	115 AC			A	LZS:RT4D4S15		1	5 units	101	0.065	
	230 AC			A	LZS:RT4D4T30		1	5 units	101	0.065	










Note:

Logical isolation: The terminals for the contacts and the terminals for the coil are arranged on separate levels, e.g. above for contacts and below for the coil. Logical isolation is not necessarily safe isolation (see the technical specifications of the relay types).

Safe isolation: Safe isolation prevents voltage of one circuit affecting another circuit with sufficient protection (EN 61140).

LZS, LZX Plug-in Relays

Relay couplers

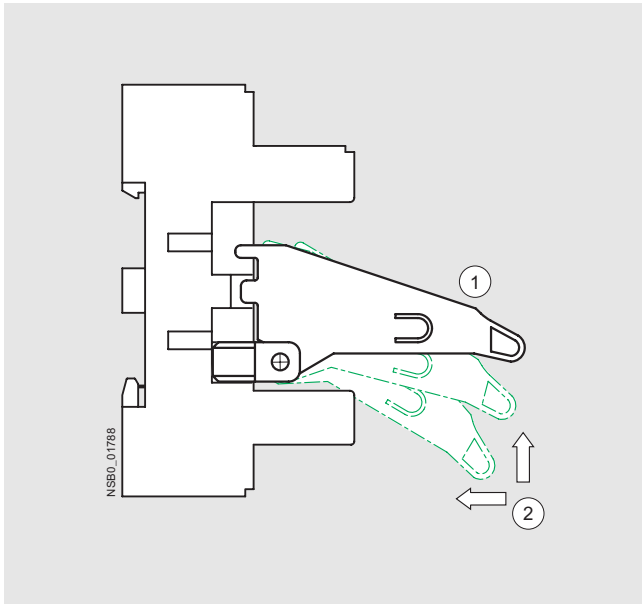
	Version	Rated control supply voltage U_s at AC 50/60 Hz	Contacts, number of CO contacts	Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
		V		mm							kg	
Individual modules for customer assembly, RT series												
Print relays, 8-pole, 5 mm pinning												
	Print relays • With hard gold-plating Version with 1 CO contact											
		24 DC	1	12.7	C	LZX:RT315024		1	1 unit	101	0.016	
LZX:RT314024		230 AC			C	LZX:RT315730		1	1 unit	101	0.015	
	Print relays Version with 1 CO contact											
		24 DC	1	12.7	▶ C	LZX:RT314024		1	1 unit	101	0.016	
		24 AC			C	LZX:RT314524		1	1 unit	101	0.007	
		115 AC			C	LZX:RT314615		1	1 unit	101	0.013	
		230 AC			▶ C	LZX:RT314730		1	1 unit	101	0.007	
LZS:RT78725	Print relays Version with 2 CO contacts											
		12 DC	2	12.7	▶ C	LZX:RT424012		1	1 unit	101	0.015	
		24 DC			▶ C	LZX:RT424024		1	1 unit	101	0.015	
		24 AC			▶ C	LZX:RT424524		1	1 unit	101	0.014	
		115 AC			▶ C	LZX:RT424615		1	1 unit	101	0.012	
		230 AC			▶ C	LZX:RT424730		1	1 unit	101	0.010	
	Standard plug-in bases with screw terminal											
	For mounting onto standard mounting rail --					▶ 15.5	LZS:RT78725		1	1 unit	101	0.035
	Plug-in bases with logical isolation and screw terminals											
	For mounting onto standard mounting rail --					▶ 15.5	LZS:RT78726		1	1 unit	101	0.037
LZS:RT78726	Plug-in bases with logical isolation and push-in terminals											
	For mounting onto standard mounting rail --					▶ 15.5	LZS:RT7872P		1	1 unit	101	0.035
	LED modules • Red											
	With freewheel diode	24 DC	--	15.5	▶	LZS:PTML0024		1	1 unit	101	0.004	
	Without freewheel diode	24 AC/DC	--		▶	LZS:PTML0524		1	1 unit	101	0.004	
		110 ... 230 AC/DC	--		▶	LZS:PTML0730		1	1 unit	101	0.004	
	• Green											
	With freewheel diode	24 DC	--	15.5	▶	LZS:PTMG0024		1	1 unit	101	0.004	
LZS:RT7872P	Without freewheel diode	24 AC/DC	--		▶	LZS:PTMG0524		1	1 unit	101	0.004	
		110 ... 230 AC/DC	--		▶	LZS:PTMG0730		1	1 unit	101	0.004	
	LED modules • Red											
	With freewheel diode	24 DC	--	15.5	▶	LZS:PTML0024		1	1 unit	101	0.004	
	Without freewheel diode	24 AC/DC	--		▶	LZS:PTML0524		1	1 unit	101	0.004	
LZS:PTML0024		110 ... 230 AC/DC	--		▶	LZS:PTML0730		1	1 unit	101	0.004	
	Fixing/ejection brackets For RT bases											
	--	--	--	15.5	▶	LZS:RT17016		100	10 units	101	0.300	
LZS:RT17016	Labels											
	--	--	--	15.5	▶	LZS:RT17040		100	10 units	101	0.200	
	RC elements											
		24 ... 48 AC	--	15.5	▶	LZS:PTMU0524		1	1 unit	101	0.004	
LZS:RT17040		110 ... 230 AC	--		▶	LZS:PTMU0730		1	1 unit	101	0.004	
	Freewheel diodes with connection to A1											
	6 ... 230 DC	--	15.5	▶	LZS:PTMT00A0		1	1 unit	101	0.004		
	Connecting cables 24-pole, current carrying capacity 12 A, with supply, blue					A						
						3TX7 004-8BA00		1	1 unit	101	0.040	
LZS:PTMT0730	Connecting cables 24-pole, current carrying capacity 12 A, with supply, blue					A						
	Connecting cables 24-pole, current carrying capacity 12 A, with supply, blue					A						
3TX7 004-8BA00	Connecting cables 24-pole, current carrying capacity 12 A, with supply, blue					A						

Note: For coil voltages which are not listed, see SITOP power DC Power Supplies, e.g. 6EP1 331-2BA10 and 6EP1 731-2BA00, in "Power Supplies".

* You can order this quantity or a multiple thereof.

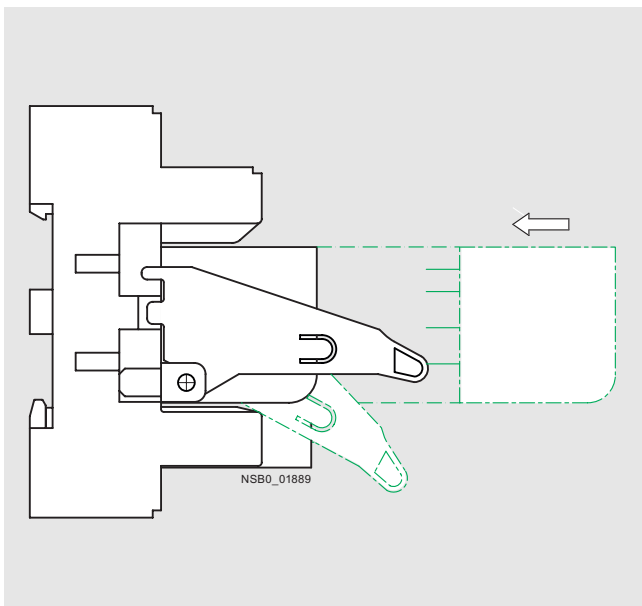
More information**Notes on configuration**PT series

Mounting the LZS:PT17024 fixing/ejection bracket on the LZS:PT787.0 standard plug-in base with screw terminals:

Legend:

- ① Locking position
- ② Mounting direction

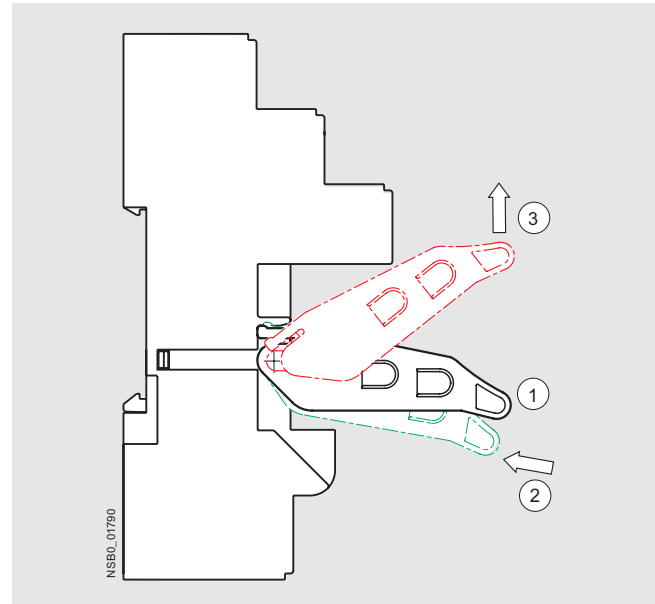
Plug-in relay mounting



Important:
The LZS:PT17021 and LZS:PT17024 ejection brackets of the plug-in relays are not status displays!

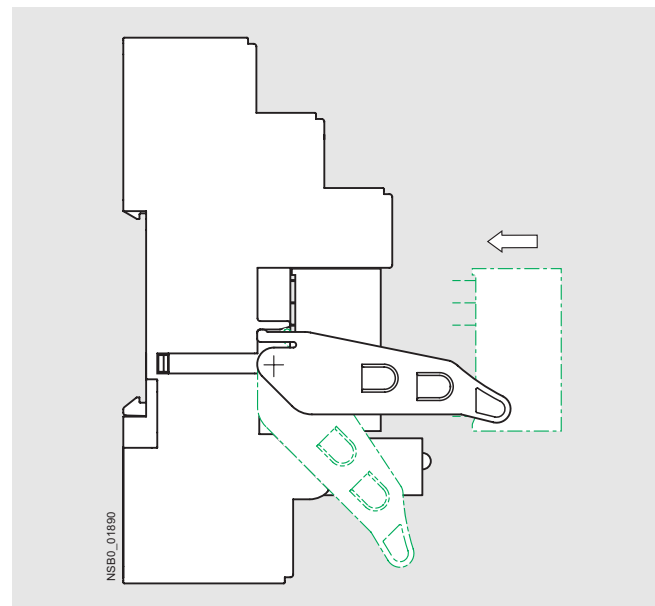
RT series

Mounting the LZS:RT17016 fixing/ejection bracket on the LZS:RT7872.plugin base

Legend:

- ① Locking position
- ② Mounting direction
- ③ Demounting direction

Plug-in relay mounting



Important:
The LZS:RT17016 ejection brackets of the plug-in relays are not status displays!