

Overview

The LZX complete units and accessory parts previously available are no longer listed in this catalog. 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, retaining brackets and labels can be combined and/or used in only the respective series, LZS or LZX.

List for converting from LZX to LZS plug-in 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.

Note:

In addition the LZS series offers not only service-proven screw connections but also versions with plug-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 ¹⁾ LZS:PT17021 ²⁾
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





¹⁾ LZS:PT17024 for PT standard base: Without logical separation, screw terminals.

²⁾ LZS:PT17021 for PT base with logical separation, screw terminals and plug-in terminals.

Coupling Relays with LZS, LZX Plug-in Relays

Plug-in 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	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.	
	V		mm							kg	
Complete units, 11- and 14-pole, PT series											
 LZS:PT3A5L24	Complete units with plug-in base for snap-on mounting onto TH 35 standard mounting rail comprising:				Screw terminals 						
	<ul style="list-style-type: none"> Coupling relays with plug-in relays Standard plug-in base with screw terminals LED module (version 24 V DC: LED module with freewheel diode) Fixing/ejection brackets Labels 										
	3 CO	24 DC	3	28	A	LZS:PT3A5L24		1 5 units	101	0.085	
		24 AC			A	LZS:PT3A5R24		1 5 units	101	0.085	
		115 AC			A	LZS:PT3A5S15		1 5 units	101	0.085	
		230 AC			A	LZS:PT3A5T30		1 5 units	101	0.085	
	4 CO	24 DC	4	28	A	LZS:PT5A5L24		1 5 units	101	0.090	
		24 AC			A	LZS:PT5A5R24		1 5 units	101	0.090	
		115 AC			A	LZS:PT5A5S15		1 5 units	101	0.090	
		230 AC			A	LZS:PT5A5T30		1 5 units	101	0.090	
Complete units with plug-in base with logical separation¹⁾ for snap-on mounting onto TH 35 standard mounting rail comprising:											
<ul style="list-style-type: none"> Coupling relays with plug-in relays Plug-in base with logical separation and screw terminals LED module (version 24 V DC: LED module with freewheel diode) Fixing/ejection brackets Labels 											
4 CO	24 DC	4	28	A	LZS:PT5B5L24		1 5 units	101	0.095		
	24 AC			A	LZS:PT5B5R24		1 5 units	101	0.095		
	115 AC			A	LZS:PT5B5S15		1 5 units	101	0.095		
	230 AC			A	LZS:PT5B5T30		1 5 units	101	0.095		
Complete units, 11- and 14-pole, PT series											
 LZS:PT5D5L24	Complete units with plug-in base with logical separation¹⁾ for snap-on mounting onto TH 35 standard mounting rail comprising:				Plug-in terminals 						
	<ul style="list-style-type: none"> Coupling relays with plug-in relays Plug-in base with logical separation and plug-in terminals LED module (version 24 V DC: LED module with freewheel diode) Fixing/ejection brackets Labels 										
	4 CO	24 DC	4	28	A	LZS:PT5D5L24		1 5 units	101	0.098	
		24 AC			A	LZS:PT5D5R24		1 5 units	101	0.098	
		115 AC			A	LZS:PT5D5S15		1 5 units	101	0.098	
		230 AC			A	LZS:PT5D5T30		1 5 units	101	0.098	

1) **Note:**

Logical separation: 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 separation is not necessarily protective separation (see note on Technical Information on page 3/1).

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

Coupling Relays with LZS, LZX Plug-in Relays

Plug-in relay couplers

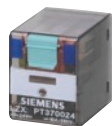
Version	Rated control supply voltage U_s at AC 50/60 Hz	Contacts, number of CO contacts	Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	V		mm							kg

Individual modules for customer assembly, PT series

Industrial relays, 8-, 11-, and 14-pole

Mini industrial relays

- With test bracket and mechanical switch position indicator, without LED¹⁾



LZX:PT370024

24 DC	2	22.5	▶	LZX:PT270024	1	1 unit	101	0.030
				LZX:PT370024	1	1 unit	101	0.031
				LZX:PT570024	1	1 unit	101	0.031
24 AC	2	22.5	C	LZX:PT270524	1	1 unit	101	0.030
				LZX:PT370524	1	1 unit	101	0.031
				LZX:PT570524	1	1 unit	101	0.031
115 AC	2	22.5	C	LZX:PT270615	1	1 unit	101	0.028
				LZX:PT370615	1	1 unit	101	0.030
				LZX:PT570615	1	1 unit	101	0.030
230 AC	2	22.5	▶	LZX:PT270730	1	1 unit	101	0.029
				LZX:PT370730	1	1 unit	101	0.030
				LZX:PT570730	1	1 unit	101	0.030
24 DC	4	22.5	▶	LZX:PT580024	1	1 unit	101	0.031
				LZX:PT580730	1	1 unit	101	0.031
230 AC	4	22.5	C	LZX:PT520024	1	1 unit	101	0.031
				LZX:PT520730	1	1 unit	101	0.031

- With hard gold-plating

- Without test bracket

Plug-in bases for PT relays

Standard plug-in bases

for mounting onto TH 35 standard mounting rail



LZS:PT78740

				Screw terminals 					
--	2	28	▶	LZS:PT78720	1	1 unit	101	0.045	
				LZS:PT78730	1	1 unit	101	0.048	
				LZS:PT78740	1	1 unit	101	0.050	

Plug-in bases with logical separation²⁾

for mounting onto TH 35 standard mounting rail



LZS:PT78722

--	2	28	▶	LZS:PT78722	1	1 unit	101	0.048
				LZS:PT78742	1	1 unit	101	0.050

Plug-in bases with logical separation²⁾

for mounting onto TH 35 standard mounting rail



LZS:PT7874P

				Plug-in terminals 					
--	2	28	▶	LZS:PT7872P	1	1 unit	101	0.045	
				LZS:PT7874P	1	1 unit	101	0.050	

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 separation: 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 separation is not necessarily protective separation (see note on Technical Information on page 3/1).

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

Coupling Relays with LZS, LZX Plug-in Relays




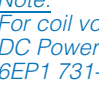


Plug-in relay couplers

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										
 LZS:PTML0024	With freewheel diode	24 DC	--	12.5	▶	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
• Green										
 LZS:PTMG0024	With freewheel diode	24 DC	--	12.5	▶	LZS:PTMG0024	1	1 unit	101	0.004
	Without freewheel diode	24 AC			▶	LZS:PTMG0524	1	1 unit	101	0.004
		110 ... 230 AC/DC				▶	LZS:PTMG0730	1	1 unit	101
Fixing/ejection brackets for PT base with logical separation¹⁾										
 LZS:PT17021	Screw terminals and plug-in terminals		--	26	▶	LZS:PT17021	100	10 units	101	0.300
Fixing/ejection brackets for standard plug-in base without logical separation										
 LZS:PT17024	Screw terminals		--	26	▶	LZS:PT17024	100	10 units	101	0.300
Labels										
 LZS:PT17040		--	--	26	▶	LZS:PT17040	100	10 units	101	0.200
RC elements										
 LZS:PTMU0730		6 ... 60 AC	--	26	▶	LZS:PTMU0524	1	1 unit	101	0.004
		110 ... 230 AC			▶	LZS:PTMU0730	1	1 unit	101	0.004
Freewheel diodes with connection to A1										
 LZS:PTMT00A0		6 ... 230 DC	--	26	▶	LZS:PTMT00A0	1	1 unit	101	0.004
Connecting cable, 24-pole										
 3TX7 004-8BA00	Current carrying capacity 12 A, with supply, blue				A	3TX7 004-8BA00	1	1 unit	101	0.040
Connecting combs for PT screw base										
 3TX7 004-8BA00	6-pole, 10 A current carrying capacity, natural-colored					LZS:PT170R6	1	10 units	101	0.002
Connecting brackets for PT push-in base										
 3TX7 004-8BA00	2-pole, 10 A current carrying capacity, natural-colored					LZS:PT170P1	1	10 units	101	0.002

Individual modules for customer assembly, MT series

Industrial relays, 11-pole

Industrial relays with test bracket

 LZX:MT326024	Without LED	24 DC	3	35.5	A	LZX:MT321024	1	1 unit	101	0.088
	With LED					LZX:MT323024	1	1 unit	101	0.088
 LZX:MT326024	Without LED	24 AC	3	35.5	A	LZX:MT326024	1	1 unit	101	0.089
	With LED					LZX:MT328024	1	1 unit	101	0.089
 LZX:MT326024	Without LED	115 AC	3	35.5	C	LZX:MT326115	1	1 unit	101	0.087
	With LED					LZX:MT328115	1	1 unit	101	0.088
 LZX:MT326024	Without LED	230 AC	3	35.5	A	LZX:MT326230	1	1 unit	101	0.089
	With LED					LZX:MT328230	1	1 unit	101	0.089
Plug-in bases										
for mounting onto TH 35 standard mounting rail										
Screw terminals 										
 LZX:MT78750			--	38	▶	LZX:MT78750	1	1 unit	101	0.050
Retaining brackets										
 LZX:MT28800		--	--	38	▶	LZX: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:**

Logical separation: 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 separation is not necessarily protective separation (see note on Technical Information on page 3/1).

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

Coupling Relays with LZS, LZX Plug-in Relays

Plug-in 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 for snap-on mounting onto TH 35 standard mounting rail comprising:				Screw terminals 							
	<ul style="list-style-type: none"> Coupling relays with plug-in relays Standard plug-in base with screw terminals LED module (version 24 V DC: LED module with freewheel diode) Fixing/ejection brackets Labels 											
	1 CO	24 DC 24 AC 115 AC 230 AC	1	15.5	A A A A	LZS:RT3A4L24 LZS:RT3A4R24 LZS:RT3A4S15 LZS:RT3A4T30		1 5 units 1 5 units 1 5 units 1 5 units	101 101 101 101	0.052 0.052 0.052 0.052		
	2 CO	24 DC 24 AC 115 AC 230 AC	2	15.5	A A A A	LZS:RT4A4L24 LZS:RT4A4R24 LZS:RT4A4S15 LZS:RT4A4T30		1 5 units 1 5 units 1 5 units 1 5 units	101 101 101 101	0.052 0.052 0.052 0.052		
	Complete units with plug-in base with logical separation for snap-on mounting onto TH 35 standard mounting rail comprising:											
	<ul style="list-style-type: none"> Coupling relays with plug-in relays Plug-in base with logical separation and screw terminals LED module (version 24 V DC: LED module with freewheel diode) Fixing/ejection brackets Labels 											
	1 CO	24 DC 24 AC 115 AC 230 AC	1	15.5	A A A A	LZS:RT3B4L24 LZS:RT3B4R24 LZS:RT3B4S15 LZS:RT3B4T30		1 5 units 1 5 units 1 5 units 1 5 units	101 101 101 101	0.055 0.055 0.055 0.055		
	2 CO	24 DC 24 AC 115 AC 230 AC	2	15.5	A A A A	LZS:RT4B4L24 LZS:RT4B4R24 LZS:RT4B4S15 LZS:RT4B4T30		1 5 units 1 5 units 1 5 units 1 5 units	101 101 101 101	0.055 0.055 0.055 0.055		
	Complete units, 8-pole, 5 mm pinning, RT series											
		Complete units with plug-in base with logical separation for snap-on mounting onto TH 35 standard mounting rail comprising:				Plug-in terminals 						
		<ul style="list-style-type: none"> Coupling relays with plug-in relays Plug-in base with logical separation and plug-in terminals LED module (version 24 V DC: LED module with freewheel diode) Fixing/ejection brackets Labels 										
		1 CO	24 DC 24 AC 115 AC 230 AC	1	15.5	A A A A	LZS:RT3D4L24 LZS:RT3D4R24 LZS:RT3D4S15 LZS:RT3D4T30		1 5 units 1 5 units 1 5 units 1 5 units	101 101 101 101	0.065 0.065 0.065 0.065	
2 CO		24 DC 24 AC 115 AC 230 AC	2	15.5	A A A A	LZS:RT4D4L24 LZS:RT4D4R24 LZS:RT4D4S15 LZS:RT4D4T30		1 5 units 1 5 units 1 5 units 1 5 units	101 101 101 101	0.065 0.065 0.065 0.065		

Note:

Logical separation: 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 separation is not necessarily protective separation (see note on Technical Information on page 3/1).

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

Coupling Relays with LZS, LZX Plug-in Relays

Plug-in 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										
<i>Print relays, 8-pole, 5 mm pinning</i>										
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
	230 AC			C	LZX:RT315730		1	1 unit	101	0.015
Print relays Version with 1 CO contact										
	24 DC	1	12.7	▶	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			▶	LZX:RT314730		1	1 unit	101	0.007
Print relays Version with 2 CO contacts										
	12 DC	2	12.7	C	LZX:RT424012		1	1 unit	101	0.015
	24 DC			▶	LZX:RT424024		1	1 unit	101	0.015
	24 AC			▶	LZX:RT424524		1	1 unit	101	0.014
	115 AC			▶	LZX:RT424615		1	1 unit	101	0.012
	230 AC			▶	LZX:RT424730		1	1 unit	101	0.010
	Standard plug-in bases for mounting onto TH 35 standard mounting rail									
	--	--	15.5	▶	LZS:RT78725		1	1 unit	101	0.035
Plug-in bases with logical separation for mounting onto TH 35 standard mounting rail										
	--	--	15.5	▶	LZS:RT78726		1	1 unit	101	0.037
Plug-in bases with logical separation for mounting onto TH 35 standard mounting rail										
	--	--	15.5	▶	LZS:RT7872P		1	1 unit	101	0.035
LED modules										
• Red										
	With freewheel diode	24 DC	--	▶	LZS:PTML0024		1	1 unit	101	0.004
	Without freewheel diode	24 AC/DC	--	▶	LZS:PTML0524		1	1 unit	101	0.004
		110 ... 230	--		▶	LZS:PTML0730		1	1 unit	101
• Green										
	With freewheel diode	24 DC	--	▶	LZS:PTMG0024		1	1 unit	101	0.004
	Without freewheel diode	24 AC/DC	--	▶	LZS:PTMG0524		1	1 unit	101	0.004
		110 ... 230	--		▶	LZS:PTMG0730		1	1 unit	101
Fixing/ejection brackets for RT base										
	--	--	15.5	▶	LZS:RT17016		100	10 units	101	0.300
Labels										
	--	--	15.5	▶	LZS:RT17040		100	10 units	101	0.200
RC elements										
	6 ... 60 AC	--	15.5	▶	LZS:PTMU0524		1	1 unit	101	0.004
	110 ... 230 AC			▶	LZS:PTMU0730		1	1 unit	101	0.004
Freewheel diodes with connection to A1										
	6 ... 230	--	15.5	▶	LZS:PTMT00A0		1	1 unit	101	0.004
Connecting cable, 24-pole Current carrying capacity 12 A, with supply, blue										
				A	3TX7 004-8BA00		1	1 unit	101	0.040
Connecting combs for RT screw base										
	8-pole, 10 A current carrying capacity, natural-colored			▶	LZS:RT170R8		1	10 units	101	0.002
Connecting brackets for PT push-in base										
	2-pole, 10 A current carrying capacity, natural-colored			▶	LZS:RT170P1		100	10 units	101	0.200

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.

Plug-in relay couplers

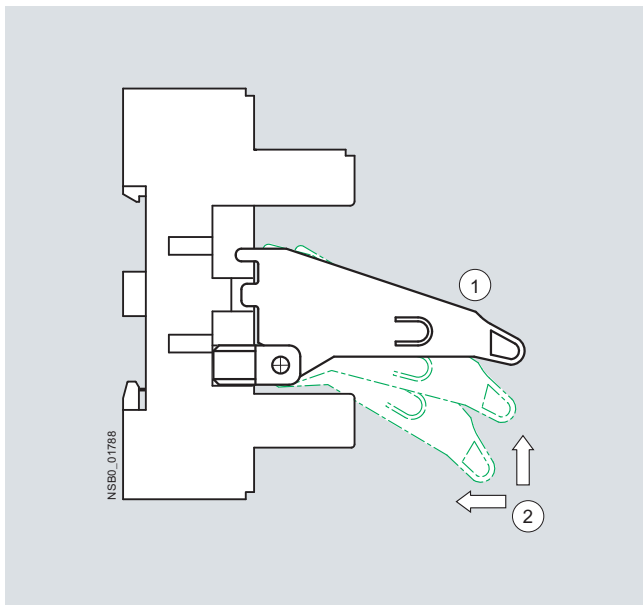
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More information

Notes on configuration

PT series

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

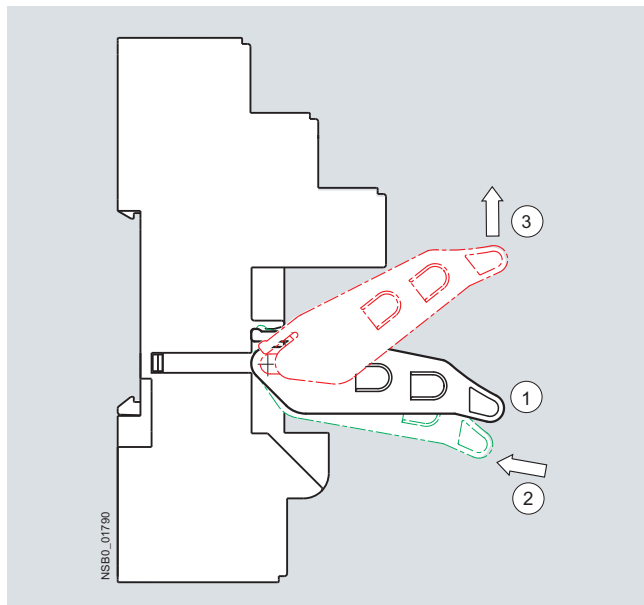


Legend:

- ① Locking position
- ② Mounting direction

RT series

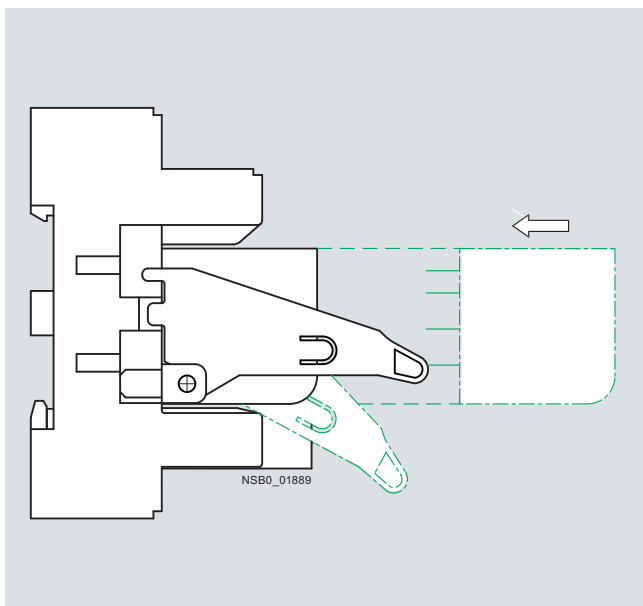
Mounting the LZS:RT17016 fixing/ejection bracket on the LZS:RT7872. plug-in base



Legend:

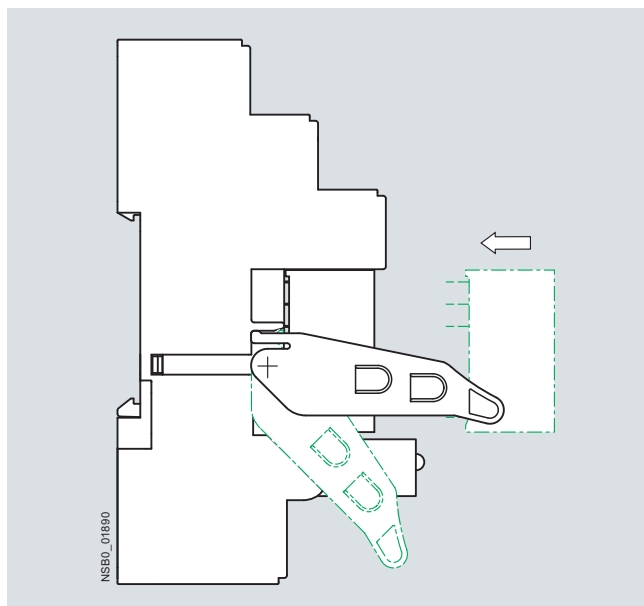
- ① Locking position
- ② Mounting direction
- ③ Demounting direction

Mounting the coupling relay with plug-in relay



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

Mounting the coupling relay with plug-in relay



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