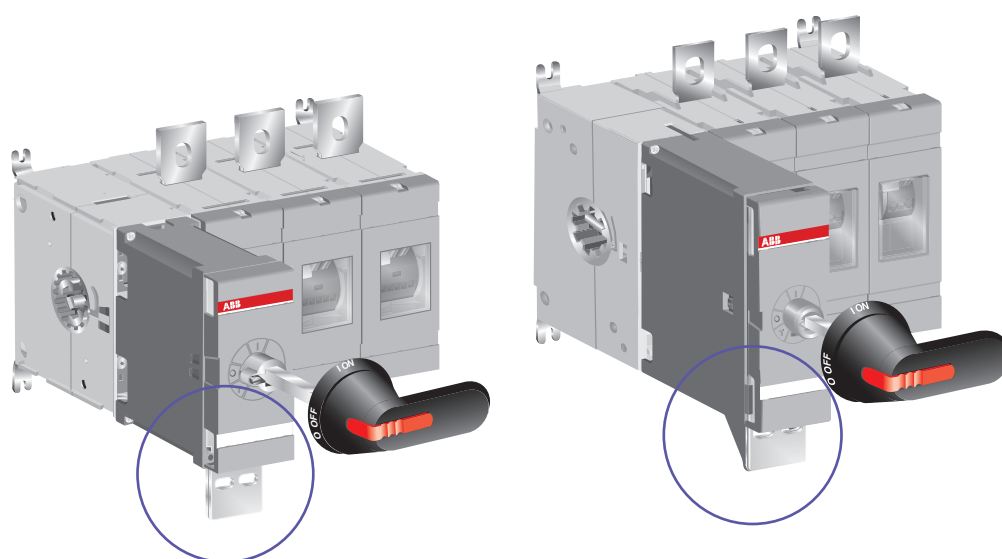


Mechanism interlock kits & Electrical interlocks for switch-disconnectors and switch fuses

ABB switch-disconnectors OT200...2500 and switch fuses OS200...1250 can be interlocked in the OFF position using padlocks and by using a mechanical interlock kit mounted on the mechanism.

The diameter of the lock bail can be max dia. 8 mm.



By installing a coil inside the housing of the interlock kit the switch can be interlocked electrically in the OFF position or both in the OFF and ON positions. The electrical interlock works using the “closed circuit principle”, meaning that when the control voltage is not connected to the coil, the switches provided with A-type interlocks cannot be turned to the ON position and switches with L-type interlocks cannot be turned to the ON or OFF positions.

Coils are available for AC & DC control.

Technical data for the coil

Operating voltage		$U = 0.7 \dots 1.1 \times U_n$
Operating ambient temperature		$-40\text{ °C} \dots +65\text{ °C}$
Power consumption	with AC	6.5 W
	with DC	9 VA

Mechanical interlock kits

Ordering information

Mechanical interlock kits

Suitable for switches	Type	Order number	Package [pcs]
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Interlocking in the OFF position

OT200 ... 250_	OTZT1A	1SCA106522R1001	1
OT315 ... 400_	OTZT2A	1SCA106523R1001	1
OT600U, OT630 ... 800E	OTZT3A	1SCA106525R1001	1
OT800U, OT1000 ... 2500_	OTZT4A	1SCA106526R1001	1
OS200 ... 250_	OSZT1A	1SCA106532R1001	1
OS315 ... 400_	OSZT2A	1SCA106534R1001	1
OS600 ... 800_	OSZT3A	1SCA106535R1001	1
OS1200 ... 1250U_	OSZT4A	1SCA106536R1001	1

Interlocking in the OFF & ON positions

OT200 ... 250_	OTZT1L	1SCA106527R1001	1
OT315 ... 400_	OTZT2L	1SCA106529R1001	1
OT600U, OT630 ... 800E	OTZT3L	1SCA106530R1001	1
OT800U, OT1000 ... 2500_	OTZT4L	1SCA106531R1001	1
OS200 ... 250_	OSZT1L	1SCA106538R1001	1
OS315 ... 400_	OSZT2L	1SCA106539R1001	1
OS600 ... 800_	OSZT3L	1SCA106540R1001	1
OS1200 ... 1250U_	OSZT4L	1SCA106541R1001	1

Coils

Nominal coil voltage [V]	Type	Order number	Package [pcs]
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AC coils

110 VAC, 50Hz	PDAL2/110AC50Hz	1SCA106543R1001	1
110 VAC, 60Hz	PDAL2/110AC60Hz	1SCA107100R1001	1
208 VAC, 60Hz	PDAL2/208AC60Hz	1SCA107101R1001	1
230 VAC, 50Hz	PDAL2/230AC50Hz	1SCA107102R1001	1

DC coils

24 VDC	PDAL2/24DC	1SCA106542R1001	1
48 VDC	PDAL2/48DC	1SCA107103R1001	1
60 VDC	PDAL2/60DC	1SCA107104R1001	1
110 VDC	PDAL2/110DC	1SCA107105R1001	1

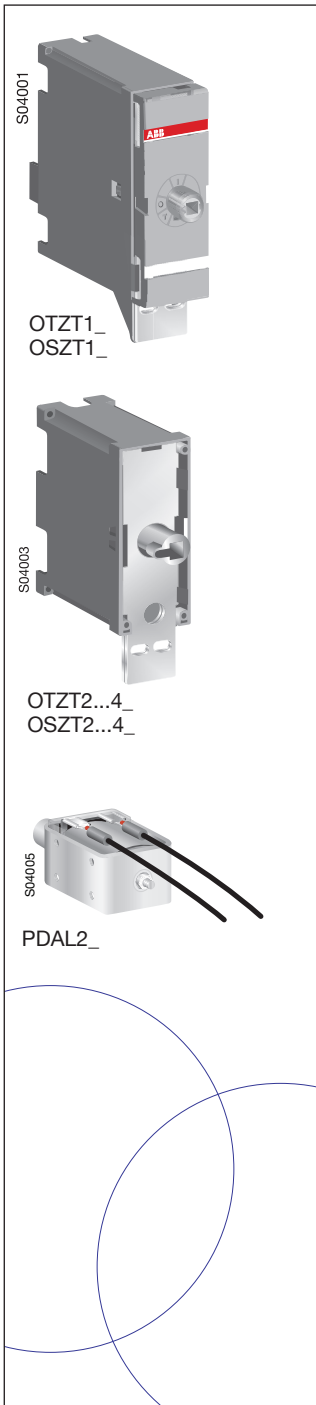


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The technical data and dimensions are valid at the time of printing. We reserve the right to subsequent alterations.