

Mechanical and electrical interlock kit

The disconnecter can be mechanically interlocked in the OFF-position using padlocks. The diameter of the lock bail can be max. 8 mm. By installing a coil inside the mechanical interlocking unit, the disconnecter can be electrically interlocked in OFF-position or in both ON and OFF-position. The electrical interlock works using the "closed circuit principle": when the control voltage is not applied to the coil, the disconnecter with type-A mechanical interlock cannot be operated to ON-position, and with type-L mechanical interlock the disconnecter cannot be operated to ON- or OFF-position.

Suitable for disconnecter	Mechanical interlock function	Type	Order number	Units/ type pcs	Weight/ unit kg
	OFF	OTZT4A	1SCA106526R1001	1	1.15
OT1600E_, OT2500E_	ON and OFF	OTZT4L	1SCA106531R1001	1	1.15

Suitable for mechanical interlock	Coil operational voltage	Type	Order number	Units/ type pcs	Weight/ unit kg
OTZT_	24 VDC	PDAL2/24DC	1SCA106542R1001	1	0.15
	48 VDC	PDAL2/48DC	1SCA107103R1001	1	0.15
	110 VDC	PDAL2/110DC	1SCA107105R1001	1	0.15
	220 VDC	PDAL2/220DC	1SCA112503R1001	1	0.15
	120 VAC / 60Hz	PDAL2/120AC60HZ	1SCA111353R1001	1	0.15
	230 VAC / 50Hz	PDAL2/230AC50HZ	1SCA107102R1001	1	0.15
	240 VAC / 50Hz	PDAL2/240AC60HZ	1SCA111356R1001	1	0.15

Technical data for the coil

Operating voltage	$U = 0.8 \dots 1.1 \times U_n$
Operating ambient temperature	-40°C ... +65°C
Power consumption	DC 9 VA AC 6.5 W



OTZT4A



PDAL2/230AC50HZ

Terminal shrouds

Single pole, snap-on mounting IP3X shrouds in grey color.

Suitable for disconnecter	Size	Type	Order number	Units/ type	Weight/ unit
				pcs	kg
OT(M)1600E_-135	Short	OTS1600G1S	1SCA102667R1001	1	0.12
	Long	OTS1600G1L	1SCA106134R1001	1	0.20
	Short	OTS1600G1S/4	1SCA022871R9860	4	0.50
	Long	OTS1600G1L/4	1SCA022871R9780	4	0.80
OT(M)2500E_-135	Short	OTS2500G1S	1SCA108810R1001	1	0.16
	Long	OTS2500G1L	1SCA108816R1001	1	0.26
	Short	OTS2500G1S/4	1SCA107271R1001	4	0.70
	Long	OTS2500G1L/4	1SCA107262R1001	4	1.30

Phase separators

Grey plastic phase barrier for increasing the clearance between the phases without using terminal shrouds.

Suitable for disconnecter	Type	Order number	Units/ type	Weight/ unit
			pcs	kg
OT(M)1600...2500E_-135	OTB1600/6	1SCA102667R1001	6	0.50

Terminal clamp sets for Al- and Cu-cables

Suitable for disconnecter	Cable cross section	Type	Order number	Units/ type	Weight/ unit
	mm ²			pcs	kg
OT(M)1600...2500E_-135	95...185	OZXB3/1	1SCA022136R8100	1	0.13
	2x(95...185)	OZXB4/1	1SCA022194R0890	1	0.60
	120...300	OZXB5/1	1SCA022194R1010	1	0.80
	2x(120...300)	OZXB6/1	1SCA022194R1270	1	1.00
	120...240	OZXB7L/1	1SCA022194R1600	1	0.39



OTS1600G1S



OTB1600/6



OZXB3/1

Parallel connection bar kit

Used for connection type 3. Connection bar kit available as a separate accessory.



OTDCKIT1250B11

Suitable for switches	Product type	Order number	Pcs/ Pack	Weight/ unit kg
OT1600E04, OT1600E22	OTDCKIT1250B11	1SCA143479R1001	2	1.12
OT2500E04, OT2500E22, OTM2500E4M230V-135	OTKIT2500B11	1SCA160501R1001	4	11

Shafts for pistol handles



OXP12X250

Shaft length mm	Mounting depth mm	Type	Order number	Weight/ unit kg
250	221...350	OXP12X250	1SCA022325R6980	0.28
280	251...380	OXP12X280	1SCA022137R5140	0.30
325	296...425	OXP12X325	1SCA022042R5810	0.36
395	366...495	OXP12X395	1SCA022042R5990	0.43
465	436...565	OXP12X465	1SCA022042R6020	0.51
535	506...635	OXP12X535	1SCA022042R6110	0.59

Auxiliary contacts

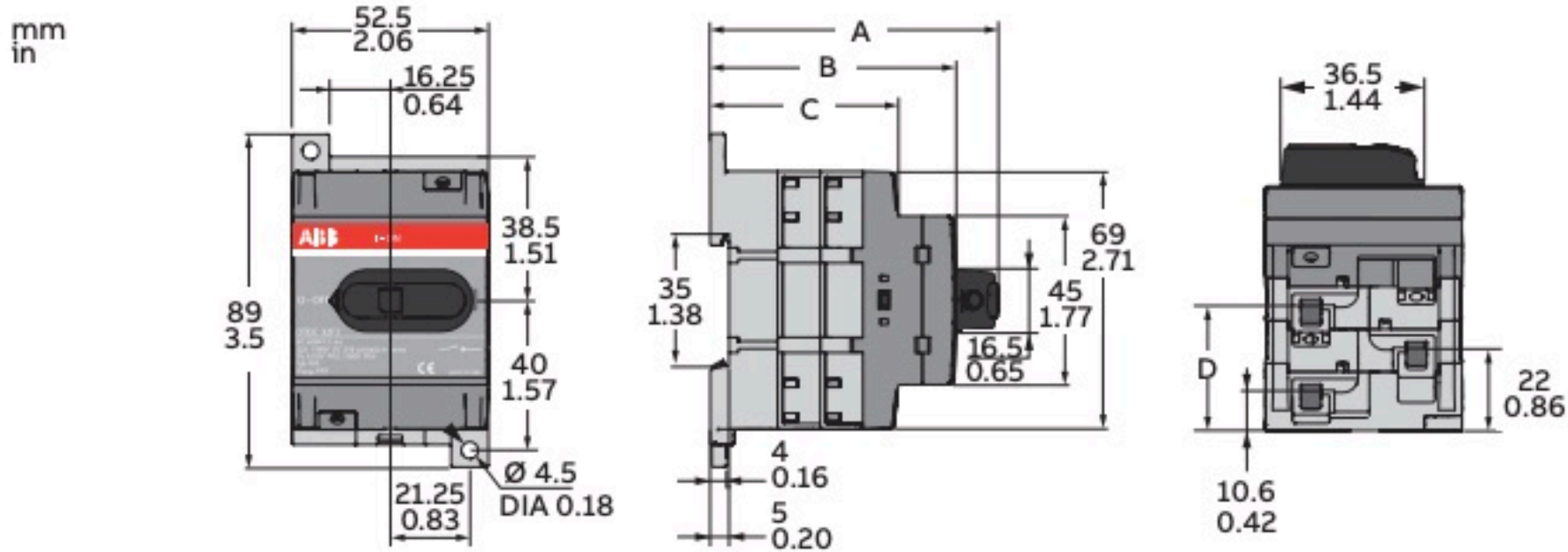
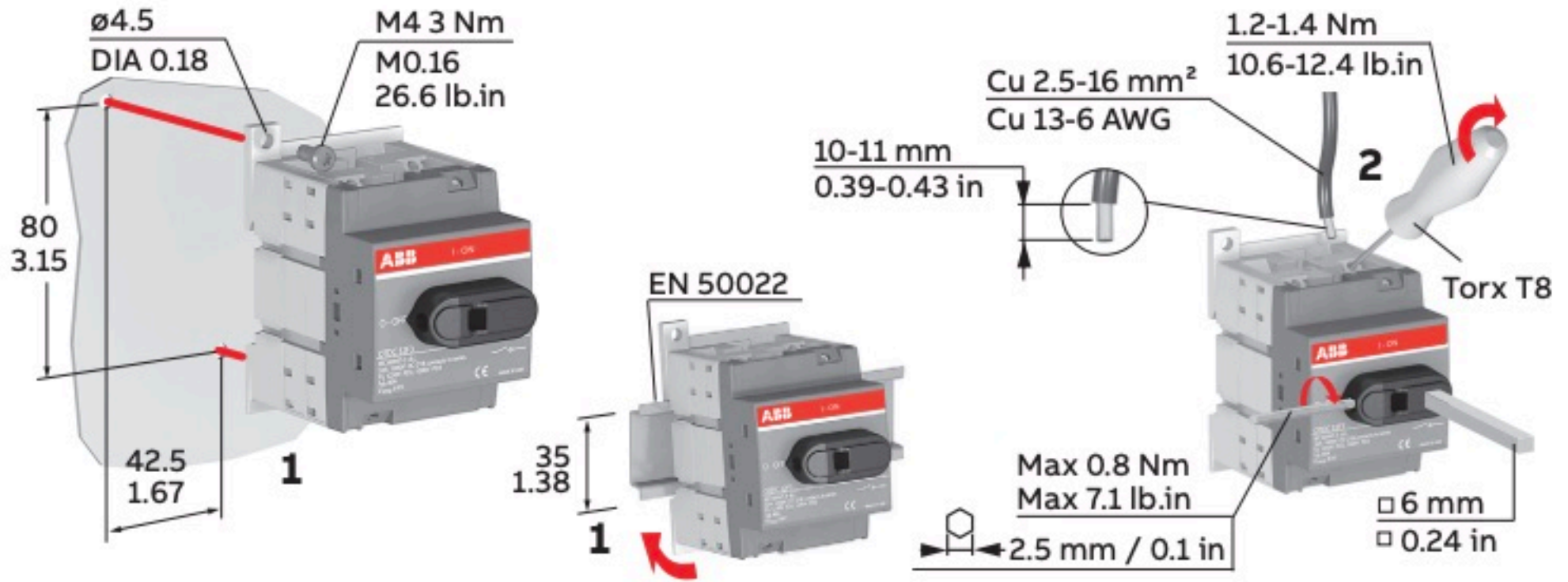
Contact numbering according to EN50013. The ordering numbers are for one piece. Delivery batch 10 pcs. Mounting under the mechanism cover max. 4 test indication contacts + 6 test contacts and 2 early operation test contacts can be mounted. The test contacts work as standard auxiliary contacts.



OA1G10

Suitable for disconnecter	Function	Type	Order number	Weight/ unit kg
OT(M)1600...2500E_-135	1NO	OA1G10	1SCA022353R4970	0.03
	1NC	OA3G01	1SCA022456R7410	0.03

OTDC16-32F



Pole qty	Dimensions mm/in			
	A	B	C	D
2	66,2 / 2.45	54,1 / 2.13	38,3 / 1.51	22 / 0.86
3	77,6 / 3.05	65,5 / 2.58	49,7 / 1.95	33,4 / 1.31
4	89 / 3.50	76,9 / 3.03	61,1 / 2.40	44.8 / 1.76

Installation and use without external handle

In case an external handle is not used, sufficient finger protection must be ensured, in accordance to the given dimension.

U_i (V)	max. E mm/in
1000	5 / 0.19
830	8 / 0.31
690	12 / 0.47

