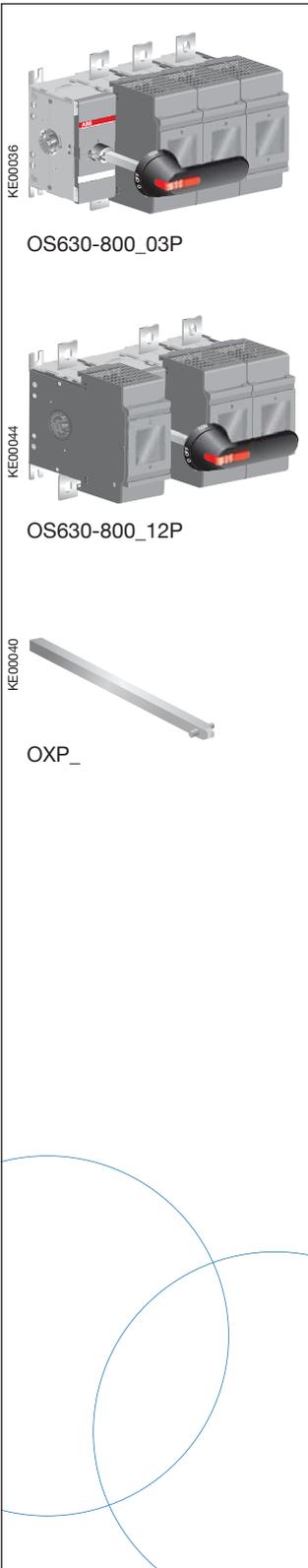




New switch fuses for 630 and 800 Amperes

The new range of switch fuses has now expanded with sizes for 630 and 800 Amperes for both DIN and BS type fuse links.

The new switch fuses are designed and tested for high safety in low voltage power distribution and motor control centers.



OS630-800_03P

OS630-800_12P

OSP_

Ordering information

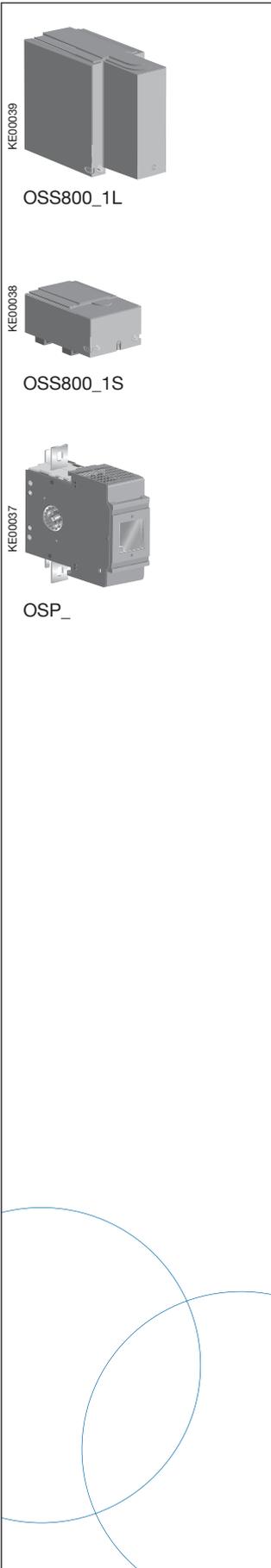
Including terminal bolt kit, a black ON-OFF plastic handle OHB145J12 and shaft OXP12x280 as standard. The handle is IP65 protected, padlockable in the OFF-position and with door interlock in the ON-position. The shaft is adjustable for a range of installation depths.

I_{th} [A]	Fuse size	Poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
DIN types						
630	3	3	OS630D03P	1SCA022825R2830	1	13.6
	3	3+N	OS630D03N3P	1SCA100858R1001	1	14.5
	3	4	OS630D04N2P	1SCA022825R4290	1	16.9
	3	4	OS630D04FP	1SCA022825R4610	1	16.9
	3	3	OS630D12P	1SCA022825R3810	1	13.6
	3	4	OS630D22N2P	1SCA022825R4450	1	16.9
800	3	3	OS800D03P	1SCA022825R4880	1	13.6
	3	3+N	OS800D03N3P	1SCA100859R1001	1	14.5
	3	4	OS800D04N2P	1SCA022825R5180	1	16.9
	3	4	OS800D04FP	1SCA022825R5000	1	16.9
	3	3	OS800D12P	1SCA022825R5340	1	13.6
	3	4	OS800D22N2P	1SCA022825R5510	1	16.9
BS types						
630	C1-C2	3	OS630B03P	1SCA022825R5850	1	13.6
	C1-C2	3+N	OS630B03N3P	1SCA100860R1001	1	14.5
	C1-C2	4	OS630B04N2P	1SCA022825R6230	1	16.9
	C1-C2	3	OS630B12P	1SCA022825R6400	1	13.6
	C1-C2	4	OS630B22N2P	1SCA022825R6660	1	16.9
800	C1-C3	3	OS800B03P	1SCA022825R7550	1	13.6
	C1-C3	3+N	OS800B03N3P	1SCA100861R1001	1	14.5
	C1-C3	4	OS800B04N2P	1SCA022825R8010	1	16.9
	C1-C3	3	OS800B12P	1SCA022825R8280	1	13.6
	C1-C3	4	OS800B22N2P	1SCA022825R8440	1	16.9

Extended shafts



Shaft length [mm]	Front operated H/[mm]	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
280	256...379	OXP12X280	1SCA022137R5140	1	0.30
325	301...424	OXP12X325	1SCA022042R5810	1	0.36
395	371...494	OXP12X395	1SCA022042R5990	1	0.43
465	441...564	OXP12X465	1SCA022042R6020	1	0.51
535	511...634	OXP12X535	1SCA022042R6110	1	0.59



Terminal shrouds

Pack of single pole shrouds, snap-on mounting, grey plastic, IP3X.
Transparent shrouds available on request.

Suitable for switches	Description	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
For 3-pole switches					
OS630...800	Long type	OSS800G1L/3	1SCA022776R7200	3	0.008
OS630...800	Short type	OSS800G1S/3	1SCA022776R7540	3	0.008
For 4-pole switches					
OS630...800	Long type	OSS800G1L/4	1SCA022776R7380	4	0.012
OS630...800	Short type	OSS800G1S/4	1SCA022776R7460	4	0.012

Fourth poles

Mountable on the side of the switch. Simultaneous function with the main contacts.
The type and ordering number are for one piece.

Suitable for switches	Description	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
For 3-pole switches					
OS630...800	For solid links	OSP800N	1SCA100432R1001	1	4.40
OS630...800	For DIN fuse links	OSP800D	1SCA100433R1001	1	4.20
OS630...800	For BS fuse links	OSP800B	1SCA100434R1001	1	4.20





Switch fuses OS630...800

Technical data

Technical data according to IEC 60947

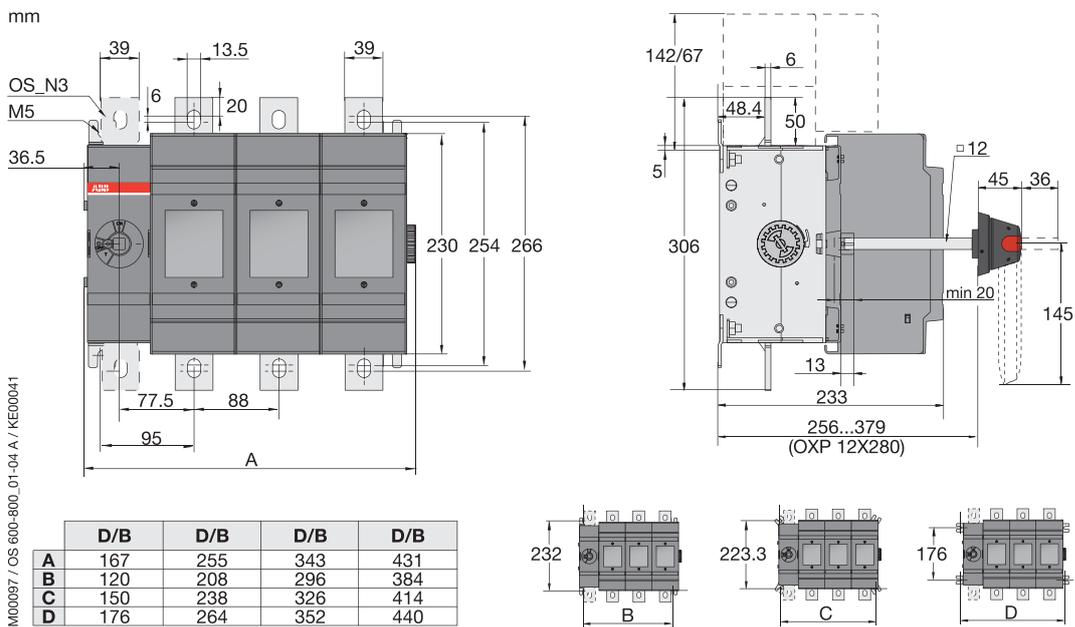
Switch size		A	630	800
Rated insulation voltage	Pollution degree 3	V	1 000	1 000
Dielectric strength	50 Hz 1min.	kV	10	10
Rated impulse withstand voltage		kV	12	12
Rated thermal current in ambient 35 °C and temporarily 40 °C / max. fuse power dissipation ...with minimum cable or bar cross section	In open air	A/W	630/60	800/65
	In enclosure	A/W	570/50	720/55
	Cu	mm ²	2 x 185	2 x 240
Rated operational voltage AC-20 and DC-20		V	1 000	1 000
Rated operational current, AC-22A	690 V	A	630	800
Rated operational current, AC-23A	690 V	A	630	800
Rated breaking capacity in category AC-23	690 V	A	6 400	6 400
Mechanical endurance	Divide by two for operation cycles	Oper.	10 000	10 000
Fuse types, IEC 60269-2	Sec. I, DIN 43620		3	3
	Sec. IA, NFC 0-3 Ref.A, 4a Ref.B		3	3
	Sec. II, BS 88		C1-C2	C1-C3
	Size / distance of fuse-link bolts	mm	M10/133, 184	M10/133, 184
Weight without accessories	3-pole switch fuses	kg	11.5	11.5
	4-pole switch fuses	kg	14.4	14.4
Terminal tightening torque	Counter torque required	Nm	50-75	50-75
Fuse-links bolts tightening torque		Nm	M10:30, M12:40	M10:30, M12:40
Operating torque	Typical for 3-pole switch fuses	Nm	38	38





Switch fuses OS630...800 Dimension drawings

OS630...800_03-04



OS630...800_12-22

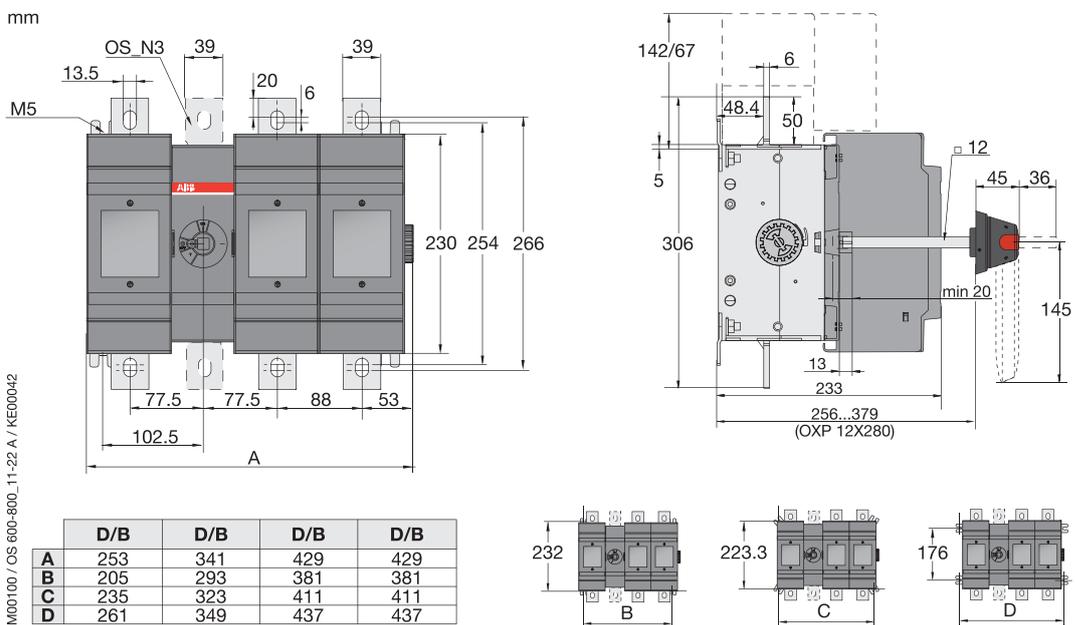


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