

New switch fuses for 1250 Amperes

The new range of switch fuses has now expanded with sizes for 1250 Amperes for 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.

DIN fuse links: size 4 and 4a. The DIN fuse links size 4a can be removed by using the fuse cover.

BS-fuse links: size D1.

Ordering information

Including terminal bolt kit, a black ON-OFF plastic double grip handle OHB200J12P and shaft OXP12x395 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}	Fuse size	Poles	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
[A]						
DIN types						
1250	4	3	OS1250D03P	1SCA105475R1001	1	46.0
	4	3+N	OS1250D03N3P	1SCA107932R1001	1	45.0
	4	4	OS1250D04N2P	1SCA105248R1001	1	55.0
	4	4	OS1250D04FP	1SCA105473R1001	1	55.0
	4	3	OS1250D12P	1SCA105246R1001	1	46.0
	4	4	OS1250D22N2P	1SCA107933R1001	1	55.0
1250	4a	3	OS1250DA03P	1SCA105238R1001	1	46.0
	4a	3+N	OS1250DA03N3P	1SCA107934R1001	1	46.0
	4a	4	OS1250DA04N2P	1SCA105243R1001	1	55.0
	4a	4	OS1250DA04FP	1SCA105240R1001	1	55.0
	4a	3	OS1250DA12P	1SCA105241R1001	1	46.0
	4a	4	OS1250DA22N2P	1SCA107935R1001	1	55.0
BS types						
1250	D1	3	OS1250B03P	1SCA105250R1001	1	46.0
	D1	3+N	OS1250B03N3P	1SCA107936R1001	1	46.0
	D1	4	OS1250B04N2P	1SCA105469R1001	1	55.0
	D1	3	OS1250B12P	1SCA105470R1001	1	46.0
	D1	4	OS1250B22N2P	1SCA107937R1001	1	55.0

Extended shafts



Shaft length [mm]	Front operated H/[mm]	Type	Order number	Units/ type [pcs]	Weight/ unit [kg]
395	371...500	OXF12X395	1SCA022042R5990	1	0.43
465	441...570	OXF12X465	1SCA022042R6020	1	0.51
535	511...640	OXF12X535	1SCA022042R6110	1	0.59



Switch fuses OS1250

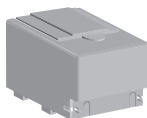
Ordering details

S04015



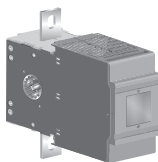
OSS1250_1L

S04016



OSS1250_1S

S04017



OSP_

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					
OS1250	Long type	OSS1250G1L/3	1SCA107938R1001	3	0.01
OS1250	Short type	OSS1250G1S/3	1SCA107939R1001	3	0.01

For 4-pole switches

OS1250	Long type	OSS1250G1L/4	1SCA107940R1001	4	0.01
OS1250	Short type	OSS1250G1S/4	1SCA107941R1001	4	0.01

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					
OS1250	For solid links	OSP1250N	1SCA107943R1001	1	3.8
OS1250	For DIN fuse links	OSP1250D	1SCA107946R1001	1	3.6
OS1250	For BS fuse links	OSP1250B	1SCA107950R1001	1	3.8





Switch fuses OS1250

Technical data

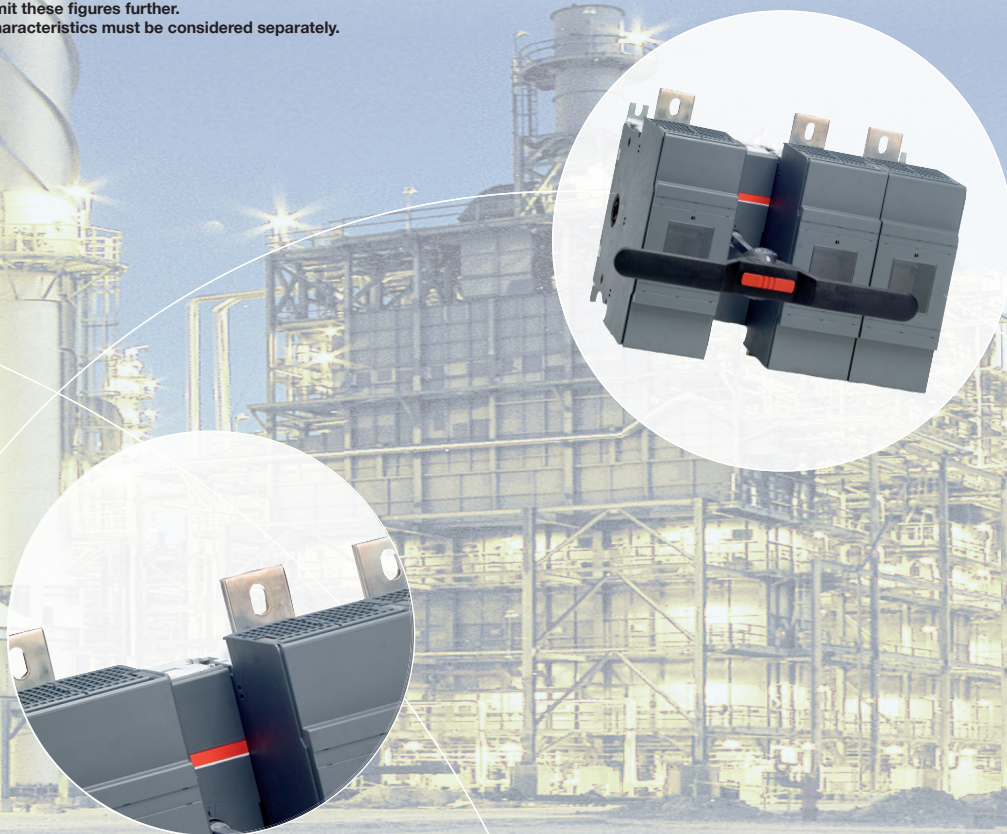
Technical data according to IEC 60947

Switch size			A	1250
Rated insulation voltage	Pollution degree 3		V	1 000
Dielectric strength		50 Hz, 1min.	kV	10
Rated impulse withstand voltage			kV	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 In enclosure		A/W A/W	1250/110 1000/85
Rated operational voltage AC-20 and DC-20		Cu	mm ²	2 x 400
Rated operational current, AC-21A			V	1 000
Rated operational current, AC-22		up to 500 V	A	1250 ¹⁾
		690 V	A	1250 ¹⁾
		up to 415 V	A	1250
		up to 500 V	A	1250 ¹⁾
Rated operational current, AC-23A		690 V	A	1250 ¹⁾
		up to 415 V	A	1000
		up to 500 V	A	1000 ¹⁾
		690 V	A	1000 ¹⁾
Rated breaking capacity in category AC-23		690 V	A	8000
Mechanical endurance	Divide by two for operation cycles		Oper.	6000
Rated operational power, AC-23 ²⁾		230 V	kW	315
		400 V	kW	560
		415 V	kW	560
		500 V	kW	710
		690 V	kW	1000
Fuse types, IEC 60269-2	Sec. I, DIN 43620			4, 4a
	Sec. II, BS 88			D1
Weight without accessories	Size / distance of fuse-link bolts		mm	2xM12/149
	3-pole switch fuses		kg	29
Terminal tightening torque	4-pole switch fuses		kg	36
Fuse-links bolts tightening torque	Counter torque required		Nm	50-75
Operating torque	Typical for 3-pole switch fuses		Nm	M12:40 65

1) B category

2) Some fuse links limit these figures further.

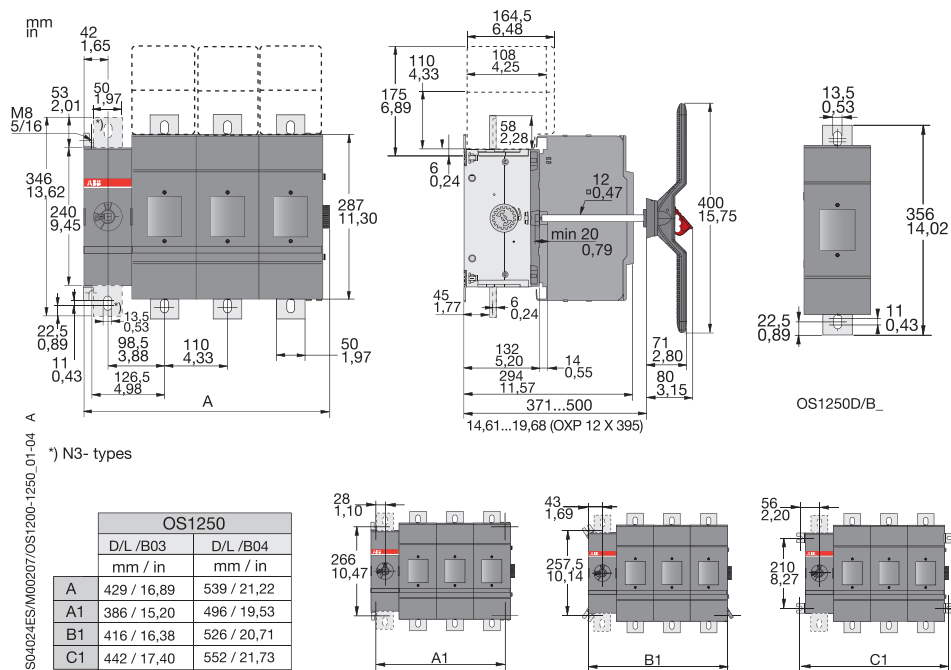
Starting current characteristics must be considered separately.





Switch fuses OS1250 Dimension drawings

OS1250_03-04



OS1250_12-22

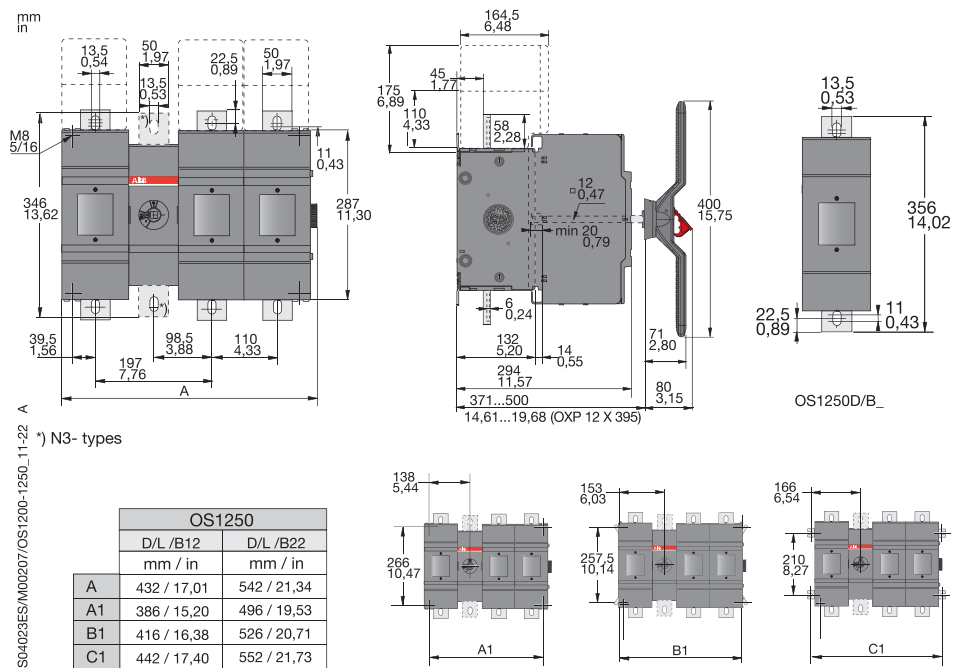


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