

Expulsion fuse cutouts

XS, SPXS and ISOXS



Use

S&C - SADES XS expulsion fuse cutouts are specially designed for outdoor use to protect transformers and underground branches on MV overhead distribution lines.

General characteristics

- The mechanical and electrical parts of the S&C - SADES cutouts are rugged and strong, withstanding the interruption forces of heavy fault currents. A special guiding system facilitates their closure.
- The S&C XS cutout is the third generation of the original XS. Traditionally made using the most advanced and resistant materials, perfect performance is assured over the passage of time.
- The SPXS and ISOXS cutouts include original active parts of the XS cutouts.
- S&C XS cutouts with ceramic insulators are made of extremely resistant ceramic material and the connecting elements with iron parts are of proven reliability. They have been fully tested in areas in which sudden temperature changes can destroy fuse cutouts. The 24 and 36kV units, commercialized in Spain, have a creepage distance in excess of that demanded by RU6406B.
- The SADES SPXS and ISOXS cutouts with polymeric insulators have polymeric insulators of silicone over a fibreglass core with external reinforcing compliant with all tests specified in the Standard UNE 21 909. They are light, maintenance-free, water-repellent, vandal-proof, self-cleaning and well suited to severe environmental conditions with a high level of pollution or salinity.
- On all the cutouts, all the iron parts are protected against corrosion by means of a hot-dipped galvanized finish.
- The main circuit is made of copper protected against corrosion.
- To order they can include silver-plated connection blades in compliance with RU6406B or a NEMA bracket.
- On both the 24 and the 36kV units, the standard-type fuse holder tubes are totally interchangeable with these bases.

- Equipped with traditional fuse links, S&C type K guarantees the protection of transformers and underground branches on overhead distribution lines, on which there is a risk of medium voltage cutout.
- Fitted with S&C type DR fuse links, they ensure resistance to over-voltage of atmospheric origin.
- Compliant with CEI 282-2 - UNE 21120-2
- Interchangeable, in accordance with RU6406B

Technical specifications

Reference	Rated voltage (kV)	Insulation level (kV)	Rated current (A)	Rated breaking capacity (kA asym.)	Creepage distance (mm)	Weight (kg)
XS24 89052R10-S158	24	150	100 *	12	500	10
XS36 89053R10-S108	36	170		10	720	15
SPXS 24	24	125		12	580	10
SPXS 36	36	170		10	840	13
SEXS 24	24	125		12	840	13
ISOXS 24	24	125		12	610	5,2
ISOXS 36	36	170		10	720	5,6

* Conditional on the max. Interior diameter of the fuse link.

Dimensions

mm	XS 24 89052R10-S158	XS 36 89053R10-S108	SPXS 24	SPXS 36	SEXS 24	ISOXS 24	ISOXS 36
A	505	578	599	680	680	620	695
B	641	797	510	591	591	422	435
C	333	349	540	621	621	300	345
D	289	235	375	464	464	175	215
E	197	330					

All the S&C - SADES Fuse Cutouts can be operated under load by using the LOADBUSTER tool.

On all the S&C - SADES Fuse Cutouts, the fuse holder can be replaced by a disconnect blade, in which case the 100A cutout becomes a 300A disconnecter (consult references).

