

DESCRIPTION

The SILE is an indoor three-pole off-circuit isolator, for general use.

For lines ranging from 12 to 36 kV, and with 400 – 630 A and 1000 – 1250 A.

Mounted on a laminated steel frame, protected against corrosion by Epoxy paint. Supplied with Epoxy resin insulators. The sectioning blades are formed by two parallel tracks and a central contact, driven by a single shaft by means of connecting rods.

Manufactured to UNE-EN 62271-102 standards.

ACCESORIES

- **Earthing isolator**

The earthing blades can be assembled on the lower or the upper part of the isolator.

The isolator is equipped with a mechanical interlocking which prevents the earthing operation from taking place when the main blades are connected. The switching spindle can be activated from the right or from the left, indistinctly.

- **Auxiliary contacts**

The isolator can be equipped with auxiliary signalling contacts.

- **Locking by means of a lock**

The locking of the isolator can be performed by means of a HERPE, RONIS or similar lock, in order to lock the isolator into the connected or the disconnected position. In principle, they are installed in the P1-type switching control, except with lever-operated type 01, 02 or 05 drives, in which case the lock is placed on the end of the isolator spindle. In order to ensure that the isolator always cuts off in an off-circuit state, it should be coordinated with another lock of the same kind, mounted on the master switch.

DRIVE

The switching spindle is designed in order to be activated from the right or from the left, indistinctly, by means of the following control transmissions:

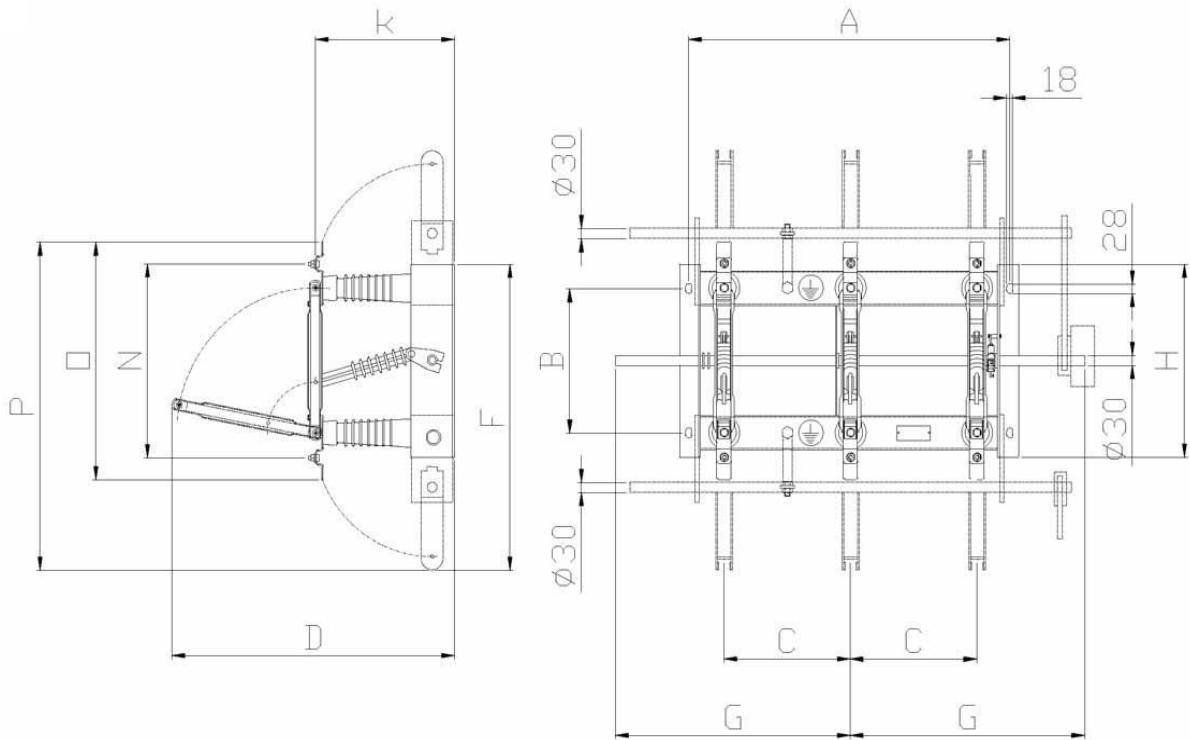
- **Lever 01**
Drive by a lever with an opening on the end for switching by means of a pole.
- **Lever 02**
Drive by a lever with an opening on the end for switching by means of a pole.
- **Lever 05**
Drive by a ball-ended lever for direct switching.
- **P1 Type**
Drive by a front ball ended lever, with a transmission connecting rod (lateral output).
- **Extension Shaft**
An extension shaft can be fitted to all of the transmissions, if the control so requires.

ELECTRICAL CHARACTERISTICS

TIPO	RATED VOLTAGE kV	LEVEL OF INSULTATION		RATED CURRENT A	THERMAL CURRENT I Sec. kA	DINAMIC CURRENT kA
		BETWEEN PHASES AND MASS kV/kV	IN ISOLATING DISTANCE kV/kV			
SILE-12	12	28/75	32/85	400 – 630 1000 – 1250	16	40
SILE-24	24	50/125	60/145	400 – 630 1000 – 1250	16	40
SILE-36.1	36	70/145	80/165	400 – 630 1000 – 1250	16	40
SILE-36	36	70/170	80/195	400 – 630 1000 – 1250	16	40

SILE DIAGRAMS

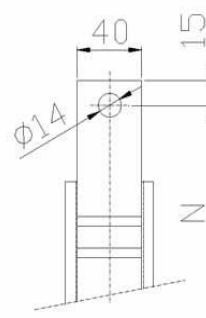
SILE



Bornes de contacto/Contact Terminals/Bornes de contact

TIGHTENING TORQUE

M12 Terminal phase: 20 N.m
 Earth terminal M16: 45 N.m
 Base fixings M16: 164 N.m



400-630 A and 1000-1250 A

DIMENSIONS (mm)

TYPE	RATED VOLATGE	CURRENT	A	B	C	D	F	G	H	K	N	O	P
	kV	A											
SILE-12	12	400 - 630	574	336	210	670	773	500	470	336	456	566	821
		1000 - 1250											
SILE-24	24	400 - 630	704	336	275	670	773	600	470	336	456	566	821
		1000 - 1250											
SILE-36.1	36	400 - 630	1000	450	400	800	906	740	534	401	520	630	979
		1000 - 1250											
SILE-36	36	400 - 630	1000	450	400	880	961	800	584	431	570	680	1009
		1000 - 1250											