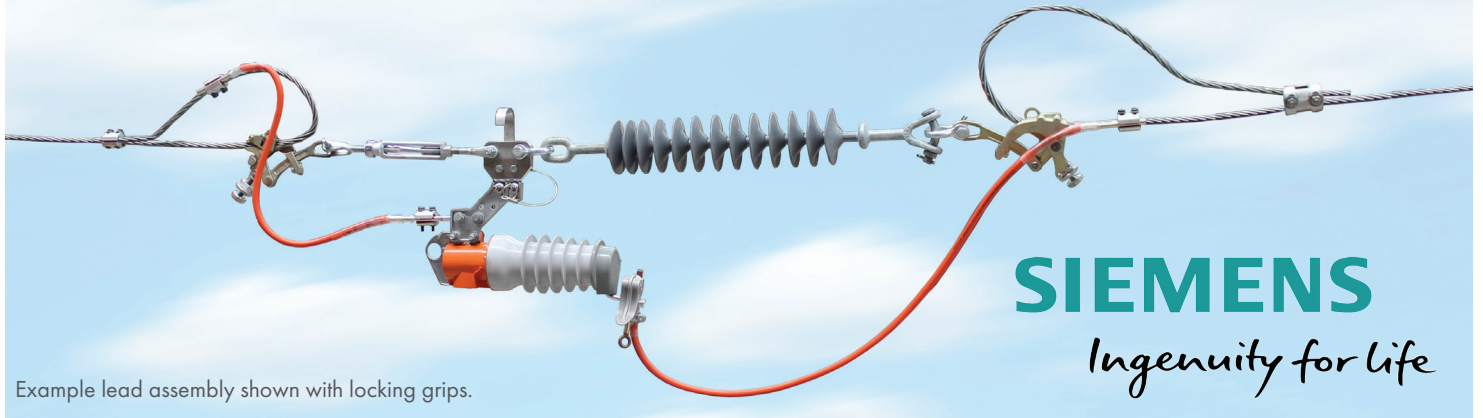




Portable Switch Unit (PSU) - Siemens

- All switches labelled with rating, part number and serial number
- Lugs or Threaded Ferrules clamp/cable dependent

CUSTOM lead and clamp assemblies built to your specifications available



SIEMENS
Ingenuity for life

Example lead assembly shown with locking grips.

Siemens Portable Switch for Temporary Isolation

Part No. 3AX1350-5A-1F

Whilst traditional in-line tension disconnects provide line crews with a way to temporarily isolate a line at non-designated switching locations, however, the lack of a ganged switching capability creates operational inefficiencies due to:

- Restrictions in load breaking capability.
- Restrictions in load pickup.
- The risk of ferro-resonance due to single phase switching operations.
- The additional time to isolate upstream devices prior to operating the in-line disconnect.

Therefore, it is common that a switching sheet may require an additional 20 or more items to remove load or to provide precautionary isolation prior to breaking bridges or opening the in-line disconnect.

Siemens has addressed all these problems by adapting the switching unit of the proven Fusesaver circuit breaker into a pre-configured 3-phase synchronous portable switch kit. The switch units are suitable for in-line tension mounting for simple installation and visible isolation.

Key User Benefits

- Self powered from on board battery.
- No configuration required.
- Reduced day to day operating cost as switching crews can operate from an EWP or ground.
- Reduced potential for operator error during switching procedures with simple one button operation.
- Complete self contained carry case.
- Access live data from the line using the Siemens Connect PC application

Standards

The Siemens Portable Switch is based on the Fusesaver Circuit Breaker that has been type tested to the applicable requirements of IEC 62271-100.

Kit Details - Part No. 3AX1350-5A-1F

Description	Quantity
Portable Switch Unit	3
Communications Module	6
Charger for Comm Module	3
Line Clamp Assembly	3
PC Antenna Kit	1
Rugged Case	1
Communications Module Attachment Tool	1

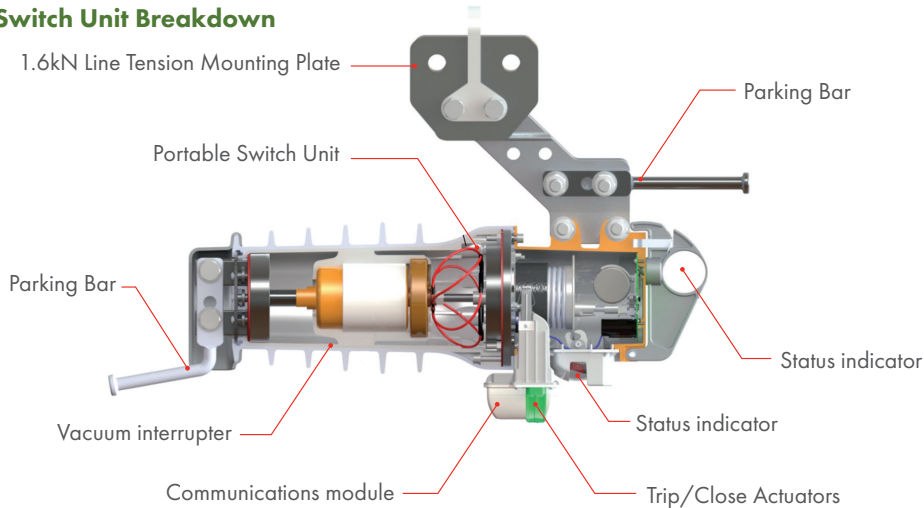
Lead and hardware assembly sold separately. See over.

Rated Voltage (kV)	27
Rated Impulse Withstand Voltage of Portable Switch Unit (kV)	125
Rated power frequency withstand voltage dry (kV)	60
Rated Continuous Current (A)	400
Rated Short Circuit Breaking Current (kA/s)	6.3 @ 0.5
Rated short time current (kA/s)	6.3 @ 0.5
Rated Mechanical Operations	2,000
Working Load Limit (WLL) (kg)	1,600



Siemens Portable Switch for Temporary Isolation

Switch Unit Breakdown

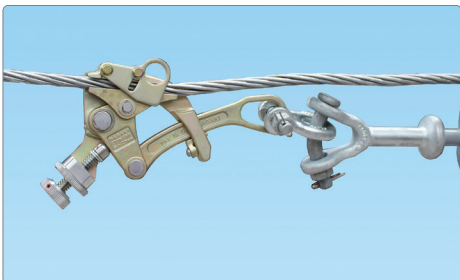


CLICK or SCAN to see the Siemens Portable Switch video made in conjunction with UK Power Networks.

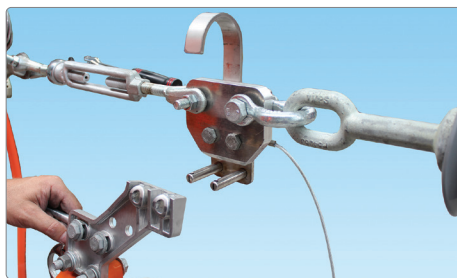
CUSTOM Jumpers, Hardware & Hanging Assemblies built to your specifications by TEN



Accessories



Utilise the Nagaki (NGK) 2 ton double locking grips to secure the conductor during installation.



Quick pin bracket for fast and easy installation.



Leads available with stalk, clamp, ferrule or lug.

Typical Order Build

Item	Kit Part No.	Component Part No.	Description	QTY
1	3AX1350-5A-1F	-	Portable Switch Unit	3
		3AX1350-1E	Communications Module	6
		3AX1350-1F	Charger for Comm Module	3
		3AX1350-3A	Line Clamp Assembly	3
		3AX1350-1C	PC Antenna Kit	1
		-	Rugged Case	1
		3AX1350-1G	Communications Module Attachment Tool	1

Additional Components				
	Part No. e.g		Description	QTY
2	TENK960 (Victoria Spec)*		Line Tension Hanging Assembly	3
3	Made to order*		Jumper Assemblies	6
4	TENA949		Quick Pin Bracket	3
5	AL-2TON-GRIP-L		Nagaki Grip 5 - 20mm	6
	AL-MIDDLE-GRIP-L		Nagaki Grip 5 - 25mm	

*Contact TEN for options on jumpers, hardware & hanging assemblies sold separately.