



Order Specifications for Phase-Over-Phase GOABS(r) One-Way, Two-Way, Three-Way, and Four-Way Transmission Switching Applications

1.00 Switch

- 1.01 Number of switches required _____
- 1.02 Switch configuration:
One-Way _____, Two-Way _____, Three-Way _____, Four-Way _____,
Phase-Over-Phase _____, Staggered _____, In-Line _____,
Shunted _____, Line 1 _____, Line 2 _____, Line 3 _____,
- 1.03 Nominal Voltage _____ kV (*Specify 15, 23, 34.5, 46, 69, 115, 138, 161, or 230*)
- 1.04 BIL Rating _____ kV (*Specify 110, 150, 200, 250, 350, 550, 650, 750, 900 or 1050*)
- 1.05 Continuous Current Rating _____ Amps at 30 degree Temperature Rise (*Specify 600, 1200, 1600, 2000 or 3000*)
- 1.06 Momentary Current Rating _____ kA (*Specify 40, 61, 71, or 100*)
- 1.07 Switch shall be factory pre-assembled and adjusted _____, unitized _____

2.00 Arcing Horns

- 2.01 Type "G" switches shall be furnished complete with high-speed, snap-out arcing horns
- 2.02 Arcing horns to be capable of breaking _____ amperes of charging current

3.00 Vacuum Interrupter Devices

- 3.01 Switches shall be _____, shall not be _____ furnished with load interrupter devices
- 3.02 Expected maximum recovery voltage _____ kV
- 3.03 Expected maximum current interruption _____ Amps
- 3.04 Interrupter device will be used for _____ load dropping, _____ line dropping, loop splitting _____
(Please check all that apply)

4.00 Insulators

- 4.01 Switches shall be _____, shall not be _____ furnished with insulators
- 4.02 Insulators shall be porcelain _____, polymer _____
- 4.03 Insulators shall be standard strength _____, high strength _____, resistive glazing _____,
extra leakage distance _____
- 4.04 BIL Rating _____ kV (*Specify 110, 150, 200, 250, 350, 550, 650, 750, 900 or 1050*)
- 4.05 Technical Reference Number _____



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5.00 Pole Structure

- 5.01 Pole structure will be wood pole _____, steel pole _____, concrete pole _____, laminated wood pole _____, lattice tower _____, other _____ (specify)
- 5.02 Pole structure will be guyed _____, self-supporting _____
- 5.03 Will there be a shield wire _____ (yes or no)?
- 5.04 Will there be a distribution under build _____ (yes or no)?
- 5.05 Mechanical or electrical clearance issues _____ (yes or no)?
- 5.06 Pole structure shall be _____, shall not be _____ furnished with the switches; if pole structure is to be furnished, please complete separate order specification for pole structures

6.00 Physical Arrangement

Dimensional data, phase spacing, and allowable strain loads (conductor pull-off angles and tensions) for standard applications are available on-line (www.seecoswitch.com), or by contacting SEECO. Please complete paragraphs 6.01 and 6.03 **only** if these published standard values do not support your proposed application.

- 6.01 Non-Standard Dimensions:
Vertical distance between phases _____ feet
Vertical distance top phase to shield _____ feet
Vertical distance ground to bottom phase _____ feet
- 6.02 Conductor type, size, and tensions:
Line 1: type _____, size _____, maximum tension _____ lbs
Line 2: type _____, size _____, maximum tension _____ lbs
Line 3: type _____, size _____, maximum tension _____ lbs
- 6.03 Non-Standard Angular Pull-Off:
Line 1: horizontal angle _____ degrees, vertical angle _____ degrees
Line 2: horizontal angle _____ degrees, vertical angle _____ degrees
Line 3: horizontal angle _____ degrees, vertical angle _____ degrees

7.00 Operating Environment

- 7.01 Proposed geographical location of switch is _____
- 7.02 Geographical location of switch is considered NESC light _____, medium _____, heavy _____
- 7.03 Altitude of switch will be _____ feet above sea level
- 7.04 Seasonal temperature extremes will vary from _____ degrees F to _____ degrees F



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- 7.05 Switches will be _____, will not be _____ subject to heavy airborne particulate
- 7.06 Switches will be _____, will not be _____ subject to a salt-laden environment

8.00 Optional Features

- 8.01 Motor operators shall be _____, shall not be _____ furnished; if motor operators are to be furnished, please complete separate order specification for motor operators
- 8.02 Operator grounding platforms shall be _____, shall not be _____ furnished; if yes, please specify the required quantity _____
- 8.03 Porcelain insulating member between switch operator and bottom phase shall be _____, shall not be _____ furnished
- 8.04 Auxiliary switches shall be _____, shall not be _____ furnished; number of switches required _____ and required contacts (form "c") per switch _____
- 8.05 Ground switches shall be _____, shall not be _____ furnished; if ground switches are to be furnished, please complete separate order specification for ground switches
- 8.06 Interlocks shall be _____, shall not be _____ furnished; interlocks to be key _____, mechanical _____, electrical _____; please specify the required quantity _____
- 8.07 Tin-plated terminal pads shall be _____, shall not be _____ furnished
- 8.08 Terminal connectors shall be _____, shall not be _____ furnished
- 8.09 Spring loaded, stored energy arcing horn for interruption of more demanding amounts of line charging current shall be _____, shall not be _____ furnished