



# Alpha-12

## Attribute Comparison Chart

Attribute	6R	Alpha-12
-----------	----	----------

<u>High Speed Trip Relay Version</u>		
Selectable high or low operating burden	No – Specific model must be specified	Standard setting on TR tripping relays.
Time delayed cut off	Specific model must be specified.	Standard feature for all TR tripping relays.
High speed operate time	<10ms to first touch (Make contacts).	<8ms first touch <9ms fully home

<u>Auxiliary Relay Version</u>		
Operate time	30 to 75ms typical depending on number of contacts and arrangement.	<50ms (30ms typical)

<u>Supervision Relay Version</u>	
Development of this version in progress	

<u>General Parameters - Tripping and Auxiliary Relays</u>		
Contacts	Up to 20 make or break contacts. Any contact configuration possible. C/O contacts may also be specified. Magnetic blowouts available.	12 contacts standard From 10M+2B to 2M+10B 1M + 1B contact required for ea C/O contact. 5 contact model in development.
Latching contacts	Yes	Yes
Electrical reset	Yes	Yes
Electrical reset interlock function	No	Standard feature on electrical reset models.
Self reset contacts	Yes	Yes
Latching flag	Yes	Yes
Self reset flag	Yes	Yes
Latching and reset flags on same element	No	Yes
Case size	Size 2 and size 4 depending on the relay specification.	Size 2
Multiple elements per case	Auxiliary relays only. Up to two in a size 2 or four in a size 4 case	Future enhancement Up to two 5 contact auxiliary elements in a size 2 case.
Contact ratings Make & Carry Continuously:	3,000 VA AC resistive (660V & 12A max) 3,000 W DC resistive (660V & 12A max)	1,250 VA AC resistive (660V & 8A max) 1,250 W DC resistive (660V & 8A max)
Options	Gold contacts, custom front panel text, AC operation for auxiliary relay models.	LED, counter, electrical reset isolation switch, gold contacts, custom front panel text, AC operation for auxiliary relay models.
Ordering complexity	High	Low
Lead time to supply	6-8 weeks	2-6 weeks and fewer models to stock.
Detailed test report	No	Yes – Generated by auto test equipment.

