

BAYONET FUSE - APPLICATION TABLE 1

**BAYONET FAULT SENSING FUSE Single Phase Conventional Transformers
(Not for Self-Protected Transformers)**

kVA	kV Phase to Ground										
	2.4	4.16	4.8	7.2	7.62	8.32	12.0	12.47	13.2	13.8	14.4
10	C06*	C04*	C04*	C04*	C04*	C04*	C04*	C04*	C04*	C04*	C04*
15	C08*	C06*	C06*	C04*	C04*	C04*	C04*	C04*	C04*	C04*	C04*
25	C10*	C08*	C06	C06*	C04*	C04*	C04*	C04*	C04*	C04*	C04*
37.5	C10	C08	C08	C06	C06	C06	C06*	C06*	C04*	C04*	C04*
50	C12	C10	C10*	C08*	C08*	C08*	C06*	C06*	C06*	C06*	C06*
75	C14*	C12*	C10	C10*	C08*	C08	C08*	C08*	C08*	C06	C06
100	C14	C12	C12	C10	C10	C10	C08	C08	C08	C08	C08*
167	C17*	C14*	C14*	C12	C12	C12	C10	C10	C10	C10	C10
250	-----	C16	C16*	C14*	C14*	C14*	C12	C12	C12	C12*	C12*
333	-----	C17*	C17*	C16*	C14	C14*	C14	C12	C12	C12	C12
500	-----	-----	-----	C17*	C17*	C16	-----	-----	-----	-----	-----

NOTES:

1. Application based on fuse melting at 3 or 4 times transformer rated current in 5 minutes.
2. Application meets inrush requirements of 12 times transformer rated current for 0.1 second.
3. * Application provides more than 4 times transformer rated current for 5 minutes.
4. These charts apply to BAYONET current (fault) sensing links Ermco catalog number 9F54MFC--.
5. Single Phase: Not to be used at voltages greater than 17,100 for delta configuration, or 14,400/24,900Y with neutral internally grounded.
6. Isolation link must be used with selected BAYONET fuse link.

BAYONET FUSE - APPLICATION TABLE 2

**BAYONET FAULT SENSING FUSE Three Phase Conventional Transformers
(Not for Self-Protected Transformers)**

kVA	kV Phase to Phase										
	2.4	4.16	4.8	8.32	12.0	12.47	13.2	13.8 14.4	20.8 **	22.0 **	24.0 **
45	C10*	C08*	C06	C06*	C04*	C04*	C04*	C04*	C04*	C04*	C04*
75	C12*	C10*	C08	C06	C06*	C06*	C06*	C06*	C04*	C04*	C04
112.5	C12	C10	C10	C08	C06	C06	C06	C06	C06*	C04*	C04
150	C14*	C12	C12*	C10*	C08*	C08*	C08*	C08*	C06*	C06*	C06
225	C16*	C14*	C12	C10	C10*	C10*	C10*	C08	C08*	C08*	C06
300	C17*	C14	C14*	C12	C10	C10	C10	C10	C08	C08	C08
500	-----	C17*	C16	C14*	C12	C12	C12	C12	C10	C10	C10
750	-----	-----	C17	C16*	C14*	C14*	C14*	C14*	C12	C12	C10
1000	-----	-----	-----	C17*	C16*	C16*	C14	C14	C14	C12	C12
1500	-----	-----	-----	-----	C17*	C17*	C17*	C16	C14	C14	C14
2000							C17	C17	C16	C16	C16
2500									C17	C17	C16

NOTES:

- Application based on fuse melting at 3 to 4 times transformer rated current in 5 minutes.
- Application meets inrush requirements of 12 times transformer rated current for 0.1 second.
- * Application provides more than 4 times transformer rated current for five minutes.
- These charts apply to BAYONET current (fault) sensing links Ermco catalog number 9F54MFC--.
- SINGLE PHASE: Not to be used at voltages greater than 17,100 for delta configuration, or 14,400/24,900Y with neutral ground.
- THREE PHASE: **Must be GNDY/GNDY system with less than 50% delta loading.
- Isolation link fuse must be used with selected BAYONET fuse link.

BAYONET FUSE - APPLICATION TABLE 3

**BAYONET LOAD SENSING FUSE Single Phase Conventional Transformers
(Not for Self-Protected Transformers)**

kVA	kV Phase to Ground										
	2.4	4.16	4.8	7.2	7.62	8.32	12.0	12.47	13.21	13.8	14.4
5	C03	C03	C03	C03	C03	C03	C03	C03	C03	C03	C03
10	C05	C05	C03	C03	C03	C03	C03	C03	C03	C03	C03
15	C08	C05	C05	C03	C03	C03	C03	C03	C03	C03	C03
25	C10	C08	C08	C05	C05	C05	C03	C03	C03	C03	C03
37.5	C12	C10	C08	C08	C08	C08	C05	C05	C05	C05	C05
50	C14	C10	C10	C08	C08	C08	C05	C05	C05	C05	C05
75	-----	C12	C12	C10	C10	C10	C08	C08	C08	C08	C08
100	-----	C12	C12	C10	C10	C10	C08	C08	C08	C08	C08
167	-----	-----	-----	C12	C12	C12	C10	C10	C10	C10	C10
250	-----	-----	-----	-----	-----	-----	C12	C12	C12	C12	C12
333	-----	-----	-----	-----	-----	-----	C12	C12	C12	C12	C12

NOTES:

1. Application based on 200% of transformer loading for 2 hours and 160% loading for 7 hours.
2. Application meets inrush requirements of 12 times transformer rated current for 0.1 second.
3. These charts apply to BAYONET dual sensing links Ermco catalog number 9F54LFC---.
4. Not to be used at voltages greater than 17,100 for delta configuration, or 14,400/24,900Y with neutral internally grounded.
5. Isolation link must be used with selected BAYONET fuse link..

BAYONET FUSE - APPLICATION TABLE 4

**BAYONET LOAD SENSING FUSE Three Phase Conventional Transformers
(Not for Self-Protected Transformers)**

kVA	kV Phase to Phase										
	2.4	4.16	4.8	8.32	12.0	12.47	13.2	13.8 14.4	20.8	22.9 **	24.9 **
45	C10	C08	C08	C05	C03	C03	C03	C03	C03	C03	C03
75	C12	C10	C10	C08	C05	C05	C05	C05	C03	C03	C03
112.5	-----	C12	C10	C08	C08	C08	C08	C08	C05	C05	C05
150	-----	C12	C12	C10	C08	C08	C08	C08	C05	C05	C05
225	-----	-----	-----	C12	C10	C10	C10	C10	C08	C08	C08
300	-----	-----	-----	C12	C10	C10	C10	C10	C08	C08	C08
500	-----	-----	-----	-----	C12	C12	C12	C12	C10	C10	C10
750	-----	-----	-----	-----	-----	-----	-----	-----	C12*	C12	C12
1000	-----	-----	-----	-----	-----	-----	-----	-----	C12*	C12	C12

NOTES:

1. Applications based on 200% of transformer loading for 2 hours and 160% loading for 7 hours.
2. Application meets inrush requirements of 12 times transformer rated current for 0.1 second.
3. These charts apply to BAYONET dual sensing links Ermco catalog number 9F54LFC---.
4. Not to be used at voltages greater than 17,100 for delta configuration, or 14,400/24,900Y with neutral internally grounded.
5. * Use will result in some loss of overload capacity.
6. Isolation link must be used with selected BAYONET fuse link.

** Must be GNDY/GNDY system with less than 50% delta loading

BAYONET FUSE - APPLICATION TABLE 5

BAYONET DUAL ELEMENT FUSE Single Phase Conventional Transformers
(Not for Self-Protected Transformers)

kVA	kV Phase to Ground										
	2.4	4.16	4.8	7.2	7.62	8.32	12.0	12.47	13.2	13.8	14.4
5	C03	C03	C03	C03	C03	C03	C03	C03	C03	C03	C03
10	C05	C04	C04	C03	C03	C03	C03	C03	C03	C03	C03
15	C07	C05	C05	C03	C03	C03	C03	C03	C03	C03	C03
25	C09	C06	C06	C04	C04	C04	C03	C03	C03	C03	C03
37.5	C11	C09	C08	C06	C06	C06	C05	C05	C04	C04	C04
50	C12	C09	C09	C07	C07	C07	C06	C06	C05	C05	C05
75	C14	C12	C11	C09	C09	C09	C07	C06	C06	C06	C06
100	-----	C12	C12	C09	C09	C09	C09	C09	C07	C07	C07
167	-----	-----	-----	C12	C12	C12	C11	C11	C09	C09	C09
250	-----	-----	-----	C14	C14	C14	C12	C12	C11	C11	C11
333	-----	-----	-----	-----	-----	-----	C12	C12	C12	C12	C12

NOTES:

1. Application based on 200% of transformer loading for 2 hours and 160% loading for 7 hours.
2. Application meets inrush requirements of 12 times transformer rated current for 0.1 second.
3. These charts apply to BAYONET dual element links Ermco catalog number 9F54DFC---.
4. Not to be used at voltages greater than 17,100 for delta configuration, or 14,400/24,900Y with neutral internally grounded.
5. Isolation link must be used with selected BAYONET fuse link..

BAYONET FUSE - APPLICATION TABLE 6

BAYONET DUAL ELEMENT FUSE Three Phase Conventional Transformers
(Not for Self-Protected Transformers)

kVA	kV Phase to Phase									
	2.4	4.16	4.8	8.32	12.0 12.47	13.2	13.8 14.4	* 20.8	* 22.9	* 24.9
45	C09	C07	C07	C04	C03	C03	C03	C03	C03	C03
75	C12	C09	C09	C06	C04	C04	C04	C03	C03	C03
112.5	C14	C11	C09	C07	C06	C06	C06	C05	C04	C04
150	-----	C12	C12	C09	C07	C07	C07	C06	C05	C05
225	-----	C14	C14	C11	C09	C09	C09	C07	C06	C06
300	-----	-----	-----	C12	C09	C09	C09	C09	C07	C07
500	-----	-----	-----	C14	C12	C12	C12	C11	C09	C09
750	-----	-----	-----	-----	C14	C14	C14	C12	C11	C11
1000	-----	-----	-----	-----	-----	-----	-----	C14	C12	C12

NOTES:

1. Applications based on 200% of transformer loading for 2 hours and 160% loading for 7 hours.
 2. Application meets inrush requirements of 12 times transformer rated current for 0.1 second.
 3. These charts apply to BAYONET dual element links Ermco catalog number 9F54DFC---
 4. Not to be used at voltages greater than 17,100 for delta configuration, or 14,400/24,900Y with neutral internally grounded.
 5. Isolation link must be used with selected BAYONET fuse link.
- * Must be GNDY/GNDY system with less than 50% delta loading