

References

Tested type:	AF75-30-11, 48 – 130 V AC.
Test method:	SEMI F42-0999 Test method for semiconductor processing equipment Voltage sag immunity
Test levels: (down to)	55 V for 200 ms. 77 V for 500 ms. 88 V for 1 000 ms. Voltage dip starts at 0° and 90°.
Alternative types with identical coils	AF50-30-11. AF63-30-11.
Brand name:	ABB,
Manufacturer	ABB Control s.a. F-69685 Chassieu cedex, France.
Test equipment	Pacific power AMXT 3120 with UPC 32.
Performance verification	Constant 24 V AC-voltage at contactor main poles. Any increase of voltage across contactor indicates loss of contact Identical performance for different nominal voltages verified for AF 185-30-11.
Verification equipment	Oscilloscope TEK TDS 540

Assessment criteria

This test report covers alternative types deemed to have the characteristics as the tested type. According to the manufacturer, the alternative types are identical to the tested type except for the following differences: Different current ratings of the main poles.

The differences are considered not to imply different characteristics compared to the tested type, since they use the same coil. Therefore, these types are not tested, but considered to have the same characteristics as the tested type regarding voltage sags.