

CERTIFICATE OF COMPLIANCE

Certificate Number 20160429-E48570
Report Reference E48570-19991103
Issue Date 2016-APRIL-29

Issued to: CORCOM, DIV OF TYCO ELECTRONICS CORP
620 S BUTTERFIELD RD,
MUNDELEIN IL 60060

**This is to certify that
representative samples of**

COMPONENT - ELECTROMAGNETIC INTERFERENCE
FILTERS

16AYA6,-A, 25AYA6,-A; 36AYA6,-A; 50AYA6,-A;
83AYA6A; F4481 and F4564

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:
Additional Information:

Electromagnetic Interference Filters, UL 1283
See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



DESCRIPTION

PRODUCT COVERED:

USR - Component - Electromagnetic Interference Filter, Models 16AYA6,-A, 25AYA6,-A; 36AYA6,-A; 50AYA6,-A; 83AYA6A; F4481 and F4564.

GENERAL:

These devices are Electromagnetic Interference (EMI) Filters intended for incorporation in appliances or similar equipment. They are provided with metal housing and terminals for factory wiring. The current detailed below is the maximum rated at a maximum ambient temperature rating.

ELECTRICAL RATINGS:

Model No.	Maximum Current Rating (A)	Maximum Voltage Rating (V ac)	No. of Phases	Frequency (Hz)	Max. Ambient Temperature
16AYA6, -A	16.0	250/440	3	50/60	40°C
25AYA6, -A	25.0	250/440	3	50/60	40°C
36AYA6, -A	36.0	250/440	3	50/60	40°C
50AYA6, -A	50.0	250/440	3	50/60	40°C
83AYA6A	83.0	250/440	3	50/60	40°C
F4481	36.0	300/520	3	50/60	40°C
F4564	36.0	347/600	3	50/60	40°C

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USR indicates the filters have been evaluated to the Standard for Electromagnetic Interference Filters, UL 1283, Sixth Edition.

The components covered by this Report are appliance filters intended to be used in end-use products where the acceptability of the combination has been determined by Underwriters Laboratories, Inc.

Conditions of Acceptability - The following are among the features that should be judged during the investigation of the equipment in which the filters are used.

1. The AYA series filters shall not be used in circuits supplied from a voltage source with potentials to neutral/ground greater than 250 V ac and potentials phase to phase greater than 440 V ac. Model F4481 shall not be used in circuits supplied from a voltage source with potentials to neutral/ground greater than 300 V ac and potentials phase to phase greater than 520 V ac.
2. A suitable enclosure shall be provided for the filters.
3. The connections to the filters shall be made at the end-use product factory.
4. The filters have been investigated only for Class 105 insulation systems on windings.
5. The suitability of the grounding of the filters in the end-use product shall be evaluated.
- * Equipment leakage current in the grounding conductor should be measured to determine compliance with the end-use Standard(s).
- *7. The filter enclosure temperatures shall be measured in the end-use product.
- *8. The terminals have not been investigated for field wiring.
- *9. Current was not passed through the neutral conductor during the Temperature Test. If significant neutral conductor current flow exists in the end-use product, a Temperature Test should be considered in the end-use product investigation.
- *10. For Model F4481, the metallic enclosure of the filter is not intended to be contacted in normal use.