



# NIPPON KAIJI KYOKAI

COPY

## *Certificate of Type Test*

Certificate No.

TA25352M

APPLICANT: ABB France, Rhône, France

MANUFACTURER: ABB France, Rhône, France  
ABB Xinhui Low Voltage Switchgear Co, Ltd, Jiangmen, China

PRODUCT: Contactor

TYPE NO.: AF09, AF12, AF16, AF26, AF30, AF38,  
AF40, AF52, AF65, AF80, AF96

TYPE TEST NO.: 17T401

PARTICULARS: Refer to the attached sheet

STANDARD: IEC60947-1, IEC60947-4-1

DOCUMENTATION: N° 20160418, N° 20160418

THIS IS TO CERTIFY that the above mentioned product has been approved by the NIPPON KAIJI KYOKAI in accordance with the Society's type test requirements for electrical equipment and cables.

This certificate is valid until 23 March 2027.

Issued at Tokyo on 28 July 2025.

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S. Oishi  
General Manager  
Machinery Department



Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.  
This certificate has been issued due to addition of the manufacturer.

Attached sheet -1/2 to Cert. No.TA25352M

Particulars:

AF09 ... AF96 3 pole contactors AC/DC operated – with screw or push-in terminal:

Contactor type	AF09	AF12	AF16	AF26	AF30	AF38
Maximum rated voltage Ue (V AC)	690	690	690	690	690	690
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Rated insulation voltage (V)	690	690	690	690	690	690

Main contacts:

Rated operational current AC-1, $\theta \leq 40$ °C (A)	25	28	30	45	50	50
Rated operational current AC-1, $\theta \leq 60$ °C (A)	25	28	30	40	42	42
Rated operational current AC-1, $\theta \leq 70$ °C (A)	22	24	26	32	37	37

AC3, AC-3e Utilization category ( $\theta \leq 60$  °C):

Rated power AC-3, AC-3e 400 V (kW)	4	5.5	7.5	11	15	18.5
Rated operational current AC-3, AC-3e 400 V (A)	9	12	18	26	32	38
Rated power AC-3, AC-3e 690 V (kW)	5.5	7.5	9	15	18.5	22
Rated operational current AC-3, AC-3e 690 V (A)	7	9	10.5	17	21	24

Note 1:  $\theta$  : For air temperature close to contactor

Note 2: Ambient air temperature close to contactor

Operation Fitted with thermal overload relay -25...+60°C

Without thermal overload relay -40...+70°C

Storage -60...+80°C

Contactor type	AF40	AF52	AF65	AF80	AF96
Maximum rated voltage Ue (V AC)	690	690	690	1000	1000
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60
Rated insulation voltage (V)	690	690	690	1000	1000

Main contacts:

Rated operational current AC-1, $\theta \leq 40$ °C (A)	70	100	105	125	130
Rated operational current AC-1, $\theta \leq 60$ °C (A)	60	80	90	100	105
Rated operational current AC-1, $\theta \leq 70$ °C (A)	50	70	80	85	90

AC3, AC-3e Utilization category ( $\theta \leq 60$  °C):

Rated power AC-3, AC-3e 400 V (kW)	18.5	22	30	37	45
Rated operational current AC-3, AC-3e 400 V (A)	40	53	65	80	96
Rated power AC-3, AC-3e 690 V (kW)	22	30	37	45	55
Rated operational current AC-3, AC-3e 690 V (A)	25	35	39	49	57

Note 1:  $\theta$  : For air temperature close to contactor

Note 2: Ambient air temperature close to contactor

Operation Fitted with thermal overload relay -40...+70°C

Without thermal overload relay -40...+70°C

Storage -60...+80°C

--- To be continued ---

Attached sheet -2/2 to Cert. No. TA25352M

AF09 ... AF80 4 pole contactors AC/DC operated – with screw terminal or push-in terminal:

Contactor type	AF09	AF16	AF26	AF38
Maximum rated voltage Ue (V AC)	690	690	690	690
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Rated insulation voltage (V)	690	690	690	690

Main contacts:

Rated operational current AC-1, $\theta \leq 40$ °C (A)	25	30	45	55
Rated operational current AC-1, $\theta \leq 60$ °C (A)	25	30	40	45
Rated operational current AC-1, $\theta \leq 70$ °C (A)	22	26	32	37

Contactor type	AF40	AF52	AF80
Maximum rated voltage Ue (V AC)	690	690	690
Rated frequency (Hz)	50/60	50/60	50/60
Rated insulation voltage (V)	690	690	1000

Main contacts:

Rated operational current AC-1, $\theta \leq 40$ °C (A)	70	100	125
Rated operational current AC-1, $\theta \leq 60$ °C (A)	60	80	105
Rated operational current AC-1, $\theta \leq 70$ °C (A)	50	70	90

Note 1:  $\theta$  : For air temperature close to contactor

Note 2: Ambient air temperature close to contactor

Operation -40...+70°C

Storage -60...+80°C

**REMARKS:** The ambient temperatures given in *Table H1.1, Part H of the Rules (IACS UR M40)* are to be applied, unless the product is installed in environmentally controlled spaces specified in *1.1.7-3, Part H of the Rules (IACS UR E19)*.

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