



NIPPON KAIJI KYOKAI

COPY

Certificate No.

TA25353M

*Certificate
of
Type Test*

APPLICANT: ABB France, Rhône, France

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

PRODUCT: Contactor

TYPE NO.: AFC09, AFC12, AFC16, AFC25, AFC26, AFC30, AFC38, AFC40,
AFC52, AFC65, AFC78, AFC80, AFC96

TYPE TEST NO.: 25T401

PARTICULARS: Refer to the attached sheet

STANDARD: IEC60947-1, IEC60947-4-1

DOCUMENTATION: N° 2302478STO-001, N° 2307987STO-001, N° 2305049STO-001,
N° 2302483STO-001, N° 2307988STO-001, N° 2201380STO-001,
N° 2307872STO-001, N° 21324121-797951

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 27 July 2030.

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.

Attached sheet -1/2to Cert. No.TA25353M

Particulars:

AFC09 ... AFC38 3 pole contactors AC operated – with screw or push-in terminal:

Contactor type	AFC09	AFC12	AFC16	AFC25	AFC26	AFC30	AFC38
Maximum rated voltage Ue (V AC)	690	690	690	690	690	690	690
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated insulation voltage (V)	690	690	690	690	690	690	690

Main contacts:

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

AC3 Utilization category ($\theta \leq 60^\circ\text{C}$):

Rated power AC-3 400 V (kW)	4	5.5	7.5	11	11	15	18.5
Rated operational current AC-3 400 V (A)	9	12	18	25	26	32	38
Rated power AC-3 690 V (kW)	5.5	7.5	9	9	15	18.5	22
Rated operational current AC-3 690 V (A)	7	9	10.5	10	17	21	24

Note 1: θ : 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

AFC40 ... AFC96 3 pole contactors AC operated – with screw terminal:

Contactor type	AFC40	AFC52	AFC65	AFC78	AFC80	AFC96
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	1000	1000

Main contacts:

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

AC3 Utilization category ($\theta \leq 60^\circ\text{C}$):

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

Note 1: θ : 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. TA25353M

AFC09 ... AFC80 4 pole contactors AC operated – with screw terminal:

Contactor type	AFC09	AFC16	AFC26	AFC38	AFC40	AFC52	AFC80
Maximum rated voltage U_e (V AC)	690	690	690	690	690	690	690
Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated insulation voltage (V)	690	690	690	690	690	690	690

Main contacts:

Rated operational current AC-1, $\theta \leq 40^\circ\text{C}$ (A)	25	30	40	55	70	100	125
Rated operational current AC-1, $\theta \leq 60^\circ\text{C}$ (A)	25	30	40	45	60	80	105
Rated operational current AC-1, $\theta \leq 70^\circ\text{C}$ (A)	22	26	32	37	50	70	90

Note 1: θ : 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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