



NIPPON KAIJI KYOKAI

COPY

Certificate of Type Test

Certificate No.

TA26414M

MANUFACTURER: ABB Electrification Sweden AB, Västerås, Sweden

PRODUCT: Contactor

TYPE NO.: AF116, AF140, AF146, AF190, AF205, AF265, AF305, AF370, AF400, AF460, AF580, AF750, AF1250, AF1350, AF1650, AF2050, AF2650, AF2850

TYPE TEST NO.: 16T401

PARTICULARS: Refer to the attached sheet

STANDARD: IEC 60947-1, IEC 60947-4-1

DOCUMENTATION: Drawings
1SFB535001G1051, 1SFB535001G1056, 1SFB535001G1060, 53540919-59, 1SBC100173C0201, 53540930-7, 53540930-2, 1SFB53001G1045

CB certificates
SE-70479M3, SE-74013M2, SE-82863M1, SE-82865M1, SE 89315, SE-89316, SE-90984

CB test reports
1714757STO-001, 1714758STO-001, 1714759STO-001, 1714760STO-001, 1714761STO-001, 1714763STO-001, 1810655VAS-001

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 4 April 2031.

Issued at Tokyo on 22 June 2026.




T. Okamoto
General Manager
Machinery Department

Note: The manufacturer, if desired, is requested to apply to the Society for renewal prior to the expiration date.

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Attached sheet to Certificate No.TA26414M

PARTICULARS:

Type	AF116					AF140				
Rated insulation voltage (V)	1000					1000				
Rated thermal current (A) @40°C	160					200				
Rated frequency (Hz)	50 / 60					50 / 60				
Utilization category	AC-3			AC-1		AC-3			AC-1	
Ambient temperature (°C)	60			40		60			40	
Rated operational voltage (V)	-	690	440	-	690	-	690	440	-	690
Rated operational current (A)	-	65	116	-	160	-	80	140	-	200

Type	AF146					AF190				
Rated insulation voltage (V)	1000					1000				
Rated thermal current (A) @40°C	225					275				
Rated frequency (Hz)	50 / 60					50 / 60				
Utilization category	AC-3			AC-1		AC-3			AC-1	
Ambient temperature (°C)	60			40		60			40	
Rated operational voltage (V)	1000	690	440	1000	690	1000	690	440	1000	690
Rated operational current (A)	60	93	146	225	225	85	135	190	250	275

Type	AF205					AF265				
Rated insulation voltage (V)	1000					1000				
Rated thermal current (A) @40°C	350					400				
Rated frequency (Hz)	50 / 60					50 / 60				
Utilization category	AC-3			AC-1		AC-3			AC-1	
Ambient temperature (°C)	60			40		60			40	
Rated operational voltage (V)	1000	690	440	1000	690	1000	690	440	1000	690
Rated operational current (A)	100	165	205	275	350	113	250	265	350	400

Type	AF305					AF370				
Rated insulation voltage (V)	1000					1000				
Rated thermal current (A) @40°C	500					600				
Rated frequency (Hz)	50 / 60					50 / 60				
Utilization category	AC-3			AC-1		AC-3			AC-1	
Ambient temperature (°C)	60			40		60			40	
Rated operational voltage (V)	1000	690	440	1000	690	1000	690	440	1000	690
Rated operational current (A)	131	290	305	375	500	141	315	370	400	600

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PARTICULARS:

Type	AF400				AF460			
Rated insulation voltage (V)	1000				1000			
Rated thermal current (A) @40°C	600				700			
Rated frequency (Hz)	50 / 60				50 / 60			
Utilization category	AC-3		AC-1		AC-3		AC-1	
Ambient temperature (°C)	55		40		55		40	
Rated operational voltage (V)	1000	690	440	1000	1000	690	440	1000
Rated operational current (A)	155	350	400	600	200	400	460	700

Type	AF580				AF750			
Rated insulation voltage (V)	1000				1000			
Rated thermal current (A) @40°C	800				1050			
Rated frequency (Hz)	50 / 60				50 / 60			
Utilization category	AC-3		AC-1		AC-3		AC-1	
Ambient temperature (°C)	55		40		55		40	
Rated operational voltage (V)	1000	690	440	1000	1000	690	440	1000
Rated operational current (A)	250	500	580	800	300	650	750	1050

Type	AF1250				AF1350			
Rated insulation voltage (V)	1000				1000			
Rated thermal current (A) @40°C	1260				1350			
Rated frequency (Hz)	50 / 60				50 / 60			
Utilization category	-		AC-1		AC-3		AC-1	
Ambient temperature (°C)	-		40		55		40	
Rated operational voltage (V)	-	-	-	1000	1000	690	440	1000
Rated operational current (A)	-	-	-	1260	375	800	860	1350

Type	AF1650				AF2050			
Rated insulation voltage (V)	1000				1000			
Rated thermal current (A) @40°C	1650				2050			
Rated frequency (Hz)	50 / 60				50 / 60			
Utilization category	AC-3		AC-1		AC-3		AC-3	
Ambient temperature (°C)	55		40		55		40	
Rated operational voltage (V)	1000	690	440	1000	1000	690	440	1000
Rated operational current (A)	400	970	1060	1650	425	970	1060	2050

----- To be continued -----

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PARTICULARS:

Type	AF2650			AF2850				
Rated insulation voltage (V)	1000			1000				
Rated thermal current (A) @40°C	2650			2850				
Rated frequency (Hz)	50 / 60			50 / 60				
Utilization category	-			AC-1				
Ambient temperature (°C)	40			40				
Rated operational voltage (V)	-	-	-	1000	-	-	-	1000
Rated operational current (A)	-	-	-	2650	-	-	-	2850

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