

List of Safety Standard Approved Products

■ Induction Motors For -AWU, -CWE, -SW



Model		Overheating Protection Devices	UL File No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft				Certification Body	Licence No. or Certificate No.	
2IK6GN-AW	2IK6A-AW	Impedance Protection	E64199	IP20	VDE	114919ÜG	A-42
2IK6GN-AWT	2IK6A-AWT	Impedance Protection	E64199	IP54*1	—	—	A-42
2IK6GN-CW	2IK6A-CW	Impedance Protection	E64199	IP20	VDE	114919ÜG	A-42
2IK6GN-CWT	2IK6A-CWT	Impedance Protection	E64199	IP54*1	—	—	A-42
2IK6GN-SW	2IK6A-SW	Impedance Protection	E64199	IP20	—	—	A-42
2IK6GN-SWT	2IK6A-SWT	Impedance Protection	E64199	IP54*1	—	—	A-42
3IK15GN-AW	3IK15A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-45
3IK15GN-CW	3IK15A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-45
4IK25GN-AW	4IK25A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-48
4IK25GN-AWT	4IK25A-AWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-48
4IK25GN-CW	4IK25A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-48
4IK25GN-CWT	4IK25A-CWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-48
4IK25GN-SW	4IK25A-SW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-48
4IK25GN-SWT	4IK25A-SWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-48
5IK40GN-AW	5IK40A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-53
5IK40GN-AWT	5IK40A-AWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-53
5IK40GN-CW	5IK40A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-53
5IK40GN-CWT	5IK40A-CWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-53
5IK40GN-SW	5IK40A-SW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-53
5IK40GN-SWT	5IK40A-SWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-53
5IK60GU-AW	5IK60A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-58
5IK60GU-AWT	5IK60A-AWT	Thermal Protector	E64197	IP54(IP40*2)	VDE	6751ÜG	A-58
5IK60GU-CW	5IK60A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-58
5IK60GU-CWT	5IK60A-CWT	Thermal Protector	E64197	IP44(IP40*2)	VDE	6751ÜG	A-58
5IK60GU-SW	5IK60A-SW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-58
5IK60GU-SWT	5IK60A-SWT	Thermal Protector	E64197	IP44(IP40*2)	VDE	6751ÜG	A-58
5IK90GU-AW	5IK90A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-63
5IK90GU-AWT	5IK90A-AWT	Thermal Protector	E64197	IP44(IP40*2)	VDE	6751ÜG	A-63
5IK90GU-CW	5IK90A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-63
5IK90GU-CWT	5IK90A-CWT	Thermal Protector	E64197	IP44(IP40*2)	VDE	6751ÜG	A-63
5IK90GU-SW	5IK90A-SW	Thermal Protector	E64197	IP20	DEMKO	124234/DK 99-00431	A-63
5IK90GU-SWT	5IK90A-SWT	Thermal Protector	E64197	IP40	DEMKO	124234/DK 99-00431	A-63

*1 Except for the mounting surface of the round shaft motor.

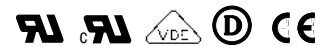
*2 Round shaft type.

■ Reversible Motors For -AWU, -CWE, -SW



Model		Overheating Protection Devices	UL File No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft				Certification Body	Licence No.	
2RK6GN-AW	2RK6A-AW	Impedance Protection	E64199	IP20	VDE	114919ÜG	A-82
2RK6GN-AWT	2RK6A-AWT	Impedance Protection	E64199	IP40	—	—	—
2RK6GN-CW	2RK6A-CW	Impedance Protection	E64199	IP20	VDE	114919ÜG	A-82
2RK6GN-CWT	2RK6A-CWT	Impedance Protection	E64199	IP40	—	—	—
3RK15GN-AW	3RK15A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-85
3RK15GN-CW	3RK15A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-85
4RK25GN-AW	4RK25A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-90
4RK25GN-AWT	4RK25A-AWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-90
4RK25GN-CW	4RK25A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-90
4RK25GN-CWT	4RK25A-CWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-90
5RK40GN-AW	5RK40A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-93
5RK40GN-AWT	5RK40A-AWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-93
5RK40GN-CW	5RK40A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-93
5RK40GN-CWT	5RK40A-CWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-93
5RK60GU-AW	5RK60A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-96
5RK60GU-AWT	5RK60A-AWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-96
5RK60GU-CW	5RK60A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-96
5RK60GU-CWT	5RK60A-CWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-96
5RK90GU-AW	5RK90A-AW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-96
5RK90GU-AWT	5RK90A-AWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-96
5RK90GU-CW	5RK90A-CW	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-96
5RK90GU-CWT	5RK90A-CWT	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-96

■ Electromagnetic Brake Motors



Model		Overheating Protection Devices	UL File No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft				Certification Body	Licence No. or Certificate No.	
2RK6GN-AWM	2RK6A-AWM	Impedance Protection	E64199	IP20	VDE	114919ÜG	A-180
2RK6GN-CWM	2RK6A-CWM	Impedance Protection	E64199	IP20	VDE	114919ÜG	A-180
3RK15GN-AWM	3RK15A-AWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
4RK25GN-AWM	4RK25A-AWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
4RK25GN-CWM	4RK25A-CWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
4IK25GN-SWM	4IK25A-SWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
5RK40GN-AWM	5RK40A-AWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
5RK40GN-CWM	5RK40A-CWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
5IK40GN-SWM	5IK40A-SWM	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-180
5RK60GU-AWM	5RK60A-AWM	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-180
5RK60GU-CWM	5RK60A-CWM	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-180
5IK60GU-SWM	5IK60A-SWM	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-180
5RK90GU-AWM	5RK90A-AWM	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-180
5RK90GU-CWM	5RK90A-CWM	Thermal Protector	E64197	IP40	VDE	6751ÜG	A-180
5IK90GU-SWM	5IK90A-SWM	Thermal Protector	E64197	IP40	DEMKO	124234/DK99-00431	A-180

■ Clutch and Brake Motors



Model	Motor Model	Overheating Protection Devices	UL File No.	Degree of Protection	EN/IEC Standard		Page
					Certification Body	Licence No	
CB1540-701WU	5IK40GN-AW-CB1	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-194
CB1560-801WU	5IK60GU-AW-CB1	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-194
CB1590-801WU	5IK90GU-AW-CB1	Thermal Protector	E64197	IP20	VDE	6751ÜG	A-194

*Recognized name and certified name are motor model name.

■ Conduit Box Type



Model		Overheating Protection Devices	UL File No.	Degree of Protection*	Page
Pinion Shaft	Round Shaft				
4IK25GN-FCH	4IK25AA-FCH	Thermal Protector	E64197	IP54	A-48
4IK25GN-ECH	4IK25AA-ECH	Thermal Protector	E64197	IP54	A-48
4IK25GN-SH	4IK25AA-SH	Thermal Protector	E64197	IP54	A-48
5IK40GN-FCH	5IK40AA-FCH	Thermal Protector	E64197	IP54	A-53
5IK40GN-ECH	5IK40AA-ECH	Thermal Protector	E64197	IP54	A-53
5IK40GN-SH	5IK40AA-SH	Thermal Protector	E64197	IP54	A-53
5IK60GU-FCH	5IK60AA-FCH	Thermal Protector	E64197	IP54	A-58
5IK60GU-ECH	5IK60AA-ECH	Thermal Protector	E64197	IP54	A-58
5IK60GU-SH	5IK60AA-SH	Thermal Protector	E64197	IP54	A-58
5IK90GU-FCH	5IK90AA-FCH	Thermal Protector	E64197	IP54	A-63
5IK90GU-ECH	5IK90AA-ECH	Thermal Protector	E64197	IP54	A-63
5IK90GU-SH	5IK90AA-SH	Thermal Protector	E64197	IP54	A-63

*Except for the mounting surface of the round shaft motor and conduit opening.

■ BH Series



Model		Overheating Protection Devices	UL File No.	Degree of Protection		Page
Combination Type	Round Shaft Type			Combination Type	Round Shaft Type	
BHI62F-□	BHI62F-A	Thermal Protector	*1	IP40	IP40	A-68
BHI62FT-□	BHI62FT-A	Thermal Protector	*1	IP54	IP54*2	A-68
BHI62ET-□	BHI62ET-A	Thermal Protector	*1	IP54	IP54*2	A-68
BHI62ST-□	BHI62ST-A	Thermal Protector	*1	IP54	IP54*2	A-68

*1 Conform to UL/CSA standards (UL/CSA certification are scheduled).

*2 Except for the mounting surface of the round shaft motor.

■ Washdown Motors

FPW Series



Model	Overheating Protection Devices	UL File No.	Degree of Protection	Page
FPW425A-□	Thermal Protector	E64197	IP65	A-204
FPW425C-□	Thermal Protector	E64197	IP65	A-204
FPW425S-□	Thermal Protector	E64197	IP65	A-204
FPW540A-□	Thermal Protector	E64197	IP65	A-204
FPW540C-□	Thermal Protector	E64197	IP65	A-204
FPW540S-□	Thermal Protector	E64197	IP65	A-204
FPW560A-□	Thermal Protector	E64197	IP65	A-204
FPW560C-□	Thermal Protector	E64197	IP65	A-204
FPW560S-□	Thermal Protector	E64197	IP65	A-204
FPW690A-□	Thermal Protector	E64197	IP65	A-204
FPW690C-□	Thermal Protector	E64197	IP65	A-204
FPW690S-□	Thermal Protector	E64197	IP65	A-204

■ Speed Control Motors US Series



Model	Motor	Control Pack	Overheating Protection Devices	UL File No.		Page
				Motor	Control Pack	
US206-401U US206-001U	USM206-401W USM206-001W	USP206-1U	Impedance Protection	E64199	E91291	A-156
US206-401E US206-001E	USM206-401W USM206-001W	USP206-2E	Impedance Protection	E64199	E91291	A-156
US315-401U US315-001U	USM315-401W USM315-001W	USP315-1U	Thermal Protector	E62197	E91291	A-156
US315-401E US315-001E	USM315-401W USM315-001W	USP315-2E	Thermal Protector	E62197	E91291	A-156
US425-401U US425-001U	USM425-401W USM425-001W	USP425-1U	Thermal Protector	E62197	E91291	A-156
US425-401E US425-001E	USM425-401W USM425-001W	USP425-2E	Thermal Protector	E62197	E91291	A-156
US540-401U US540-001U	USM540-401W USM540-001W	USP540-1U	Thermal Protector	E62197	E91291	A-156
US540-401E US540-001E	USM540-401W USM540-001W	USP540-2E	Thermal Protector	E62197	E91291	A-156
US560-501U US560-001U	USM560-501W USM560-001W	USP560-1U	Thermal Protector	E62197	E91291	A-156
US560-501E US560-001E	USM560-501W USM560-001W	USP560-2E	Thermal Protector	E62197	E91291	A-156
US590-501U US590-001U	USM590-501W USM590-001W	USP590-1U	Thermal Protector	E62197	E91291	A-156
US590-501U US590-001U	USM590-501W USM590-001W	USP590-2E	Thermal Protector	E62197	E91291	A-156

■ Induction Motors For -AUL



Model		Overheating Protection Devices	UL File No.	CSA Certification No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft					Certification Body	Licence No.	
0IK1GN-AUL	0IK1A-AUL	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-38
2IJ3GB-AUL	2IJ3A-AULA	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-40
2IK6GN-AUL	2IK6A-AULA	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-42
3IK15GN-AUL	3IK15A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-45
4IJ15GB-AUL	4IJ15A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-45
4IK25GN-AUL	4IK25A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-48
5IK40GN-AUL	5IK40A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-53
5IK60GU-AFUL	5IK60A-AFUL	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-58
5IK90GU-AFUL	5IK90A-AFUL	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-63
—	4IK40A-BA	Thermal Protector	E64197	—	IP20	—	—	A-72
—	5IK60A-BA	Thermal Protector	E64197	—	IP20	—	—	A-72
—	5IK90A-BFUL	Thermal Protector	E64197	—	IP20	VDE	5877ÜG	A-72

■ Reversible Motors For -AUL



Model		Overheating Protection Devices	UL File No.	CSA Certification No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft					Certification Body	Licence No.	
0RK1GN-AUL	0RK1A-AUL	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-78
2RJ4GB-AUL	2RJ4A-AULA	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-80
2RK6GN-AUL	2RK6A-AULA	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-82
3RK15GN-AUL	3RK15A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-85
4RJ20GB-AUL	4RJ20A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-88
4RK25GN-AUL	4RK25A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-90
5RK40GN-AUL	5RK40A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-93
5RK60GU-AFUL	—	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-96
5RK90GU-AFUL	—	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-99

■ Synchronous Motors



Model		Overheating Protection Devices	UL File No.	CSA Certification No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft					Certification Body	Licence No.	
2SK4GN-AUL	2SK4A-AULA	Impedance Protection	E64199	LR47296	IP20	VDE	5876ÜG	A-102
3SK10GN-AUL	3SK10A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-102
4SK15GN-AUL	4SK15A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-102
5SK25GN-AUL	5SK25A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-102

■ Torque Motors



Model		Overheating Protection Devices	UL File No.	CSA Certification No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft					Certification Body	Licence No.	
3TK6GN-AUL	3TK6A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-108
4TK10GN-AUL	4TK10A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-108
5TK20GN-AUL	5TK20A-AULA	Thermal Protector	E64197	LR47296	IP20	VDE	5877ÜG	A-108

■ Electromagnetic Brake Motors



Model		Overheating Protection Devices	UL File No.	CSA Certification No.	Degree of Protection	EN/IEC Standard		Page
Pinion Shaft	Round Shaft					Certification Body	Licence No.	
2RK6GN-AMUL	2RK6A-AMULA	Impedance Protection	E64199	LR47296	IP20	VDE	5875ÜG	A-180
3RK15GN-AMUL	3RK15A-AMULA	Thermal Protector	E64197	LR47296	IP20	VDE	5872ÜG	A-180
4RK25GN-AMUL	4RK25A-AMULA	Thermal Protector	E64197	LR47296	IP20	VDE	5872ÜG	A-180
5RK40GN-AMUL	5RK40A-AMULA	Thermal Protector	E64197	LR47296	IP20	VDE	5873ÜG	A-180
5RK60GU-AMUL	5RK60A-AMUL	Thermal Protector	E64197	LR47296	IP20	VDE	5874ÜG	A-180
5RK90GU-AMUL	5RK90A-AMUL	Thermal Protector	E64197	LR47296	IP20	VDE	5874ÜG	A-180

■ Speed Control Motors SC Series



Model	Motor	Control Pack	Overheating Protection Devices	UL File No.		EN/IEC Standard		Page
				Motor	Control Pack	Motor	Control Pack	
SC206-401WU	MSM206-401W	SSP-1	Impedance Protection	E64199	E91291	Certification Body VDE Licence No. 114919ÜG	Certification Body TÜV Licence No. R9551853	A-142
SC206-001WU	MSM206-001W	SSP-1	Impedance Protection	E64199	E91291			
SC206-402WE	MSM206-402W	SSP-2	Impedance Protection	E64199	E91291			
SC206-002WE	MSM206-002W	SSP-2	Impedance Protection	E64199	E91291			
SC315-401WU	MSM315-401W	SSP-1	Thermal Protector	E64197	E91291	Certification Body VDE Licence No. 6751ÜG	Certification Body TÜV Licence No. R9551853	A-142
SC315-001WU	MSM315-001W	SSP-1	Thermal Protector	E64197	E91291			
SC315-402WE	MSM315-402W	SSP-2	Thermal Protector	E64197	E91291			
SC315-002WE	MSM315-002W	SSP-2	Thermal Protector	E64197	E91291			
SC425-401WU	MSM425-401W	SSP-1	Thermal Protector	E64197	E91291			
SC425-001WU	MSM425-001W	SSP-1	Thermal Protector	E64197	E91291			
SC425-402WE	MSM425-402W	SSP-2	Thermal Protector	E64197	E91291			
SC425-002WE	MSM425-002W	SSP-2	Thermal Protector	E64197	E91291			
SC540-401WU	MSM540-401W	SSP-1	Thermal Protector	E64197	E91291			
SC540-001WU	MSM540-001W	SSP-1	Thermal Protector	E64197	E91291			
SC540-402WE	MSM540-402W	SSP-2	Thermal Protector	E64197	E91291			
SC540-002WE	MSM540-002W	SSP-2	Thermal Protector	E64197	E91291			
SC560-501WU	MSM560-501W	SSP-1	Thermal Protector	E64197	E91291			
SC560-001WU	MSM560-001W	SSP-1	Thermal Protector	E64197	E91291			
SC560-502WE	MSM560-502W	SSP-2	Thermal Protector	E64197	E91291			
SC560-002WE	MSM560-002W	SSP-2	Thermal Protector	E64197	E91291			
SC206-411WU	MSM206-411W	SSP-1	Impedance Protection	E64199	E91291	Certification Body VDE Licence No. 114919ÜG		A-142
SC206-011WU	MSM206-011W	SSP-1	Impedance Protection	E64199	E91291			
SC206-412WE	MSM206-412W	SSP-2	Impedance Protection	E64199	E91291			
SC206-012WE	MSM206-012W	SSP-2	Impedance Protection	E64199	E91291			

Model	Motor	Control Pack	Overheating Protection Devices	UL File No.		EN/IEC Standard		Page
				Motor	Control Pack	Motor	Control Pack	
SC315-411WU	MSM315-411W	SSP-1	Thermal Protector	E64197	E91291	Certification Body VDE Licence No. 6751ÜG	Certification Body TÜV Licence No. R9551853	A-142
SC315-011WU	MSM315-011W	SSP-1	Thermal Protector	E64197	E91291			
SC315-412WE	MSM315-412W	SSP-2	Thermal Protector	E64197	E91291			
SC315-012WE	MSM315-012W	SSP-2	Thermal Protector	E64197	E91291			
SC425-411WU	MSM425-411W	SSP-1	Thermal Protector	E64197	E91291			
SC425-011WU	MSM425-011W	SSP-1	Thermal Protector	E64197	E91291			
SC425-412WE	MSM425-412W	SSP-2	Thermal Protector	E64197	E91291			
SC425-012WE	MSM425-012W	SSP-2	Thermal Protector	E64197	E91291			
SC540-411WU	MSM540-411W	SSP-1	Thermal Protector	E64197	E91291			
SC540-011WU	MSM540-011W	SSP-1	Thermal Protector	E64197	E91291			
SC540-412WE	MSM540-412W	SSP-2	Thermal Protector	E64197	E91291			
SC540-012WE	MSM540-012W	SSP-2	Thermal Protector	E64197	E91291			
SC560-511WU	MSM560-511W	SSP-1	Thermal Protector	E64197	E91291			
SC560-011WU	MSM560-011W	SSP-1	Thermal Protector	E64197	E91291			
SC560-512WE	MSM560-512W	SSP-2	Thermal Protector	E64197	E91291			
SC560-012WE	MSM560-012W	SSP-2	Thermal Protector	E64197	E91291			

Speed Control Motors **FBLII Series**



Model	Motor	Driver	UL File No.	EN/IEC Standard		Page		
				Motor	Driver			
FBL575AW-□	FBLM575W-GFB	FBLD75AW	Motor E62327 Driver E171462	Certification Body DEMKO 124888/DK98-03353	Certification Body DEMKO 124886/DK98-03350	A-120		
FBL575AW-A	FBLM575W-A	FBLD75AW				A-120		
FBL575CW-□	FBLM575W-GFB	FBLD75CW				A-120		
FBL575CW-A	FBLM575W-A	FBLD75CW				A-120		
FBL575SW-□	FBLM575W-GFB	FBLD75SW			—	A-120		
FBL575SW-A	FBLM575W-A	FBLD75SW			—	A-120		
FBL5120AW-□	FBLM5120W-GFB	FBLD120AW			Certification Body DEMKO 124886/DK98-03350	Certification Body DEMKO 124886/DK98-03350	A-120	
FBL5120AW-A	FBLM5120W-A	FBLD120AW					A-120	
FBL5120CW-□	FBLM5120W-GFB	FBLD120CW					A-120	
FBL5120CW-A	FBLM5120W-A	FBLD120CW					A-120	
FBL5120SW-□	FBLM5120W-GFB	FBLD120SW					—	A-120
FBL5120SW-A	FBLM5120W-A	FBLD120SW					—	A-120

Speed Control Motors



Model		Output Power W	Voltage VAC	Frequency Hz	Overheating Protection Devices	UL File No.	Page
Pinion Shaft	Round Shaft						
2IK6RGN-AUL	2IK6RA-AULA	6	115	60	Impedance Protection	E64199	A-170
3IK15RGN-AUL	3IK15RA-AULA	15	115	60	Thermal Protector	E64197	A-170
4IK22RGN-AUL	4IK22RA-AULA	22	115	60	Thermal Protector	E64197	A-170
5IK40RGN-AUL	5IK40RA-AULA	40	115	60	Thermal Protector	E64197	A-170

Speed Control Pack



Model	Voltage VAC	Frequency Hz	UL File No.	Page
SS21-UL	115	60	E91291	A-170

List of Safety Standard Approved Products

Stepping Motors UPK•W Series



Type	Model	Motor	Driver	UL File No.	EN/IEC Standard		Page
					Motor	Driver	
Standard Type Single-Phase 100V-115V	UPK564□W2 UPK566□W2 UPK569□W2 UPK596□W2 UPK599□W2 UPK5913□W2	PK564□W PK566□W PK569□W PK596□W PK599□W PK5913□W	UDK5114NW2	Moter E64199 Driver E171462	Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 123356B/DK 98-03968 123860/DK 98-03969	B-70
Standard Type Single-Phase 200V-230V	UPK564□JW UPK566□JW UPK569□JW UPK596□JW UPK599□JW UPK5913□JW	PK564□W PK566□W PK569□W PK596□W PK599□W PK5913□W	UDK5214NW		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 123913/DK 98-03973 123893/DK 98-03972	B-70
TH Geared Type Single-Phase 100V-115V	UPK564□W-T3.6 UPK564□W-T7.2 UPK564□W-T10 UPK564□W-T20 UPK564□W-T30 UPK596□W-T3.6 UPK596□W-T7.2 UPK596□W-T10 UPK596□W-T20 UPK596□W-T30	PK564□W-T3.6 PK564□W-T7.2 PK564□W-T10 PK564□W-T20 PK564□W-T30 PK596□W-T3.6 PK596□W-T7.2 PK596□W-T10 PK596□W-T20 PK596□W-T30	UDK5114NW2		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 123356B/DK 98-03968 123860/DK 98-03969	B-82
TH Geared Type Single-Phase 200V-230V	UPK564□JW-T3.6 UPK564□JW-T7.2 UPK564□JW-T10 UPK564□JW-T20 UPK564□JW-T30 UPK596□JW-T3.6 UPK596□JW-T7.2 UPK596□JW-T10 UPK596□JW-T20 UPK596□JW-T30	PK564□W-T3.6 PK564□W-T7.2 PK564□W-T10 PK564□W-T20 PK564□W-T30 PK596□W-T3.6 PK596□W-T7.2 PK596□W-T10 PK596□W-T20 PK596□W-T30	UDK5214NW		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 123913/DK 98-03973 123893/DK 98-03972	B-82
PN Geared Type Single-Phase 100V-115V	UPK566□W-N5 UPK566□W-N7.2 UPK566□W-N10 UPK564□W-N25 UPK564□W-N36 UPK564□W-N50	PK566□W-N5 PK566□W-N7.2 PK566□W-N10 PK564□W-N25 PK564□W-N36 PK564□W-N50	UDK5114NW2		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 123356B/DK 98-03973 123860/DK 98-03972	B-82
PN Geared Type Single-Phase 200V-230V	UPK566□JW-N5 UPK566□JW-N7.2 UPK566□JW-N10 UPK564□JW-N25 UPK564□JW-N36 UPK564□JW-N50	PK566□W-N5 PK566□W-N7.2 PK566□W-N10 PK564□W-N25 PK564□W-N36 PK564□W-N50	UDK5214NW		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 123913/DK 98-03973 123893/DK 98-03972	B-82

*Enter A (single shaft) or B (double shaft) in the □ with in the model number.

List of Safety Standard Approved Products

Stepping Motors NanoStep[®] UFK•W Series



Type	Model	Motor	Driver	UL File No.	EN/IEC Standard		Page
					Motor	Driver	
Standard Type Single-Phase 100V-115V	UFK564 □W UFK566 □W UFK569 □W UFK596 □W UFK599 □W UFK5913 □W	PK564□W PK566□W PK569□W PK596□W PK599□W PK5913□W	DFU1514W		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 99-01497 99-01498	B-128
TH Geared Type Single-Phase 100V-115V	UFK564 □W-T3.6 UFK564 □W-T7.2 UFK564 □W-T10 UFK564 □W-T20 UFK564 □W-T30 UFK596 □W-T3.6 UFK596 □W-T7.2 UFK596 □W-T10 UFK596 □W-T20 UFK596 □W-T30	PK564□W-T3.6 PK564□W-T7.2 PK564□W-T10 PK564□W-T20 PK564□W-T30 PK596□W-T3.6 PK596□W-T7.2 PK596□W-T10 PK596□W-T20 PK596□W-T30	DFU1514W	Motor E64199 Driver E171462	Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 99-01497 99-01498	B-134
PN Geared Type Single-Phase 100V-115V	UFK566 □W-N5 UFK566 □W-N7.2 UFK566 □W-N10 UFK564 □W-N25 UFK564 □W-N36 UFK564 □W-N50	PK566□W-N5 PK566□W-N7.2 PK566□W-N10 PK564□W-N25 PK564□W-N36 PK564□W-N50	DFU1514W		Certification Body VDE Licence No. 6763ÜG	Certification Body DEMKO Certificate No. 99-01497 99-01498	B-134

*Enter A (single shaft) or B (double shaft) in the □ with in the model number.

Low-speed Synchronous Motors

Model	Overheating Protection Devices	UL File No.	Page
SMK014K-AA	Impedance Protection	E64199	A-289
SMK237A-A	Impedance Protection	E64199	A-289
SMK216A-GN	Impedance Protection	E64199	A-289
SMK5100A-AA	Impedance Protection	E64199	A-289
SMK5160A-AA	Impedance Protection	E64199	A-289
SMK550A-GN	Impedance Protection	E64199	A-289

List of Safety Standard Approved Products

■ AC Axial Flow Fans MRS Series



Products	Overheating Protection Devices	UL File No.	CSA Certificate No.	Degree of Protection	EN/IEC Standard		Page
					Certification Body	Licence No. or Certificate No.	
MRS20-BUL MRS20-BM MRS20-DUL MRS20-DM MRS20-TUL MRS20-TM	Thermal Protector	E58377	LR62524	IP00	VDE	5867ÜG	C-34
MRS18-BUL MRS18-BTM MRS18-DUL MRS18-DM MRS18-TUL MRS18-TTM		E58377	LR62524	IP00	VDE	5868ÜG	C-36
MRS16-BUL MRS16-BTM MRS16-BTA MRS16-DUL MRS16-DM MRS16-DTA MRS16-TUL MRS16-TTM MRS16-TTA		E58377	LR62524	IP00	VDE	5869ÜG	C-38
MRS14-TUL MRS14-TTM		E58377	LR62524	IP00	VDE	5866ÜG	C-40
MRS18V2-B MRS18V2-D		E58377	E58377*	IP00	DEMKO	125232/98-04256	C-66

*The MRS18V2 types are recognized to Canadian safety requirements under the Component Recognition Program of Underwriters Laboratories Inc.

■ AC Axial Flow Fans MU Series



Products	Overheating Protection Devices	UL File No.	CSA Certificate No.	Degree of Protection	EN/IEC Standard		JET Certificate No.	Page
					Certification Body	Licence No.		
MU1238A-21B MU1238B-21B MU1238L-21B	Impedance Protection	E58377	LR62524	IP00	VDE	5870ÜG	0018-91002-001	C-42
MU1238A-51B MU1238B-51B MU1238L-51B		E58377	LR62524	IP00	VDE	5870ÜG	0018-91002-002 0018-91002-003	C-42
MU1225S-21 MU1225M-21		E58377	LR62524	IP00	VDE	5870ÜG	0018-91002-001	C-44
MU1225S-51 MU1225M-51		E58377	LR62524	IP00	VDE	5870ÜG	0018-91002-002 0018-91002-003	C-44
MU925S-21 MU925M-21		E58377	LR62524	IP00	VDE	5870ÜG	0018-91002-001	C-46
MU925S-51 MU925M-51		E58377	LR62524	IP00	VDE	5870ÜG	0018-91002-002 0018-91002-003	C-46
MU825S-23 MU825S-53		E58377	LR62524	IP00	VDE	5870ÜG	—	C-48

■ DC Axial Flow Fans

MDS, MD Series



Products	UL File No.	Degree of Protection	EN/IEC Standard		Page
			Certification Body	Certificate No.	
MDS1751-24	E58377	IPO0	DEMKO	124018/DK 98-03344	C-50
MDS1225-12 MDS1225-12M MDS1225-24 MDS1225-24M	E58377	IPO0	DEMKO	124018/DK 98-03344	C-52
MD1225-12 MD1225-24	E58377	IPO0	DEMKO	124018/DK 98-03344	C-54
MD925A-12 MD925A-12L MD925A-24 MD925A-24L MD925AM-12 MD925AM-24 MD925AL-12 MD925AL-24	E58377	IPO0	DEMKO	124018/DK 98-03344	C-56
MD825B-12 MD825B-12L MD825B-24 MD825B-24L MD825BM-12 MD825BM-24 MD825BL-12	E58377	IPO0	DEMKO	124018/DK 98-03344	C-58
MD625B-12 MD625B-12L MD625B-24 MD625B-24L MD625BM-12 MD625BM-24	E58377	IPO0	DEMKO	124018/DK 98-03344	C-60
MDS510-12 MDS510-12L MDS510-24 MDS510-24L MDS510M-5 MDS510M-12 MDS510M-24	E58377	IPO0	DEMKO	124018/DK 98-03344	C-62
MDS410-12 MDS410-12L MDS410-24 MDS410-24L MDS410M-5	E58377	IPO0	DEMKO	124018/DK 98-03344	C-64

■ Centrifugal Blowers **MB Series**



Products	Overheating Protection Devices	UL File No.	Degree of Protection	EN/IEC Standard		Page
				Certification Body	Licence No. or Certificate No.	
MB1665-B MB1665-D MB1665-T	Thermal Protector	E58377	IPO0	VDE	6755ÜG	C-72
MB1255-B MB1255-D	Thermal Protector	E58377	IPO0	VDE	6755ÜG	C-74
MB1040-B MB1040-D	Thermal Protector	E58377	IPO0	VDE	6755ÜG	C-76
MB840-B MB840-D	Thermal Protector	E58377	IPO0	DEMKO	124017A/DK 98-00981	C-78
MB630-B MB630-D	Impedance Protection	E58377	IPO0	VDE	6755ÜG	C-80
MB520-B MB520-D	Impedance Protection	E58377	IPO0	VDE	6755ÜG	C-82

■ Cross Flow Fans **MF Series**



Products	Overheating Protection Devices	UL File No.	Degree of Protection	EN/IEC Standard		Page
				Certification Body	Licence No.	
MF930-BC MF930B-BC MF930-DC MF930B-DC	Thermal Protector	E58377	IPO0	VDE	5854ÜG	C-90
MF915-BC MF915B-BC MF915-DC MF915B-DC	Thermal Protector	E58377	IPO0	VDE	5854ÜG	C-92