

# Product Approval Chart ( UL, CSA & TÜV )

October 1, 2002

Certificate Body Relay Model	UL (File No.: E141060)	CSA	TÜV
UA Series	(3~24VDC) 3A/120VAC; 3A/24VDC 1.5A FLA, 1.0 LRA, 120VAC, 6000 cycles	NIL	NIL
AZ Series	(3~24VDC, D & L Type) 1A/120VAC; 1A/24VDC 120VAC & 24VDC, 0.3 FLA (Across-the-line Motor Starting)	File No.: LR 76598-6 (3~24VDC, D & L Type) 1A/120VAC; 1A/24VDC 120VAC & 24VDC, 0.3 FLA (Across-the-line Motor Starting)	NIL
UDH Series	(3~48VDC) 12A/120VAC; 10A/250VAC 12A/24VDC	File No.: 76598-12 (3~48VDC) 12A/120VAC; 10A/250VAC 12A/24VDC	NIL
RUDH Series	(3~48VDC, 15VDC is included) 10A/120VAC; 10A/24VDC 12A/120VAC; 12A/24VDC	File No.: LR 76598-2 (3~48VDC) 10A/250VAC; 10A/24VDC, 1/3HP, 120VAC	File No.: R9352326 (3~48VDC) 10A/120VAC; 10A/24VDC
RW Series	(3~48VDC) 10A/120VAC; 10A/24VDC 12A/120VAC	File No.: LR 76598-6 (3~48VDC) 10A/120VAC; 10A/24VDC 5A/250VAC	NIL
RWH Series	C-UL (3~48VDC) 15A/120VAC; 12A/250VAC 15A/24VDC TV-5/120VAC 15A, 120VAC Tungsten (1800W)	C-UL (3~48VDC) 15A/120VAC; 12A/240VAC 15A/24VDC TV-5/120VAC	File No.: R9854380 (3~48VDC) 10A/277VAC; 12A/250VAC 15A/24VDC
GJ Series	C-UL File No: E141060 (3~24VDC, D Type) 6A/ 125VAC 3A/ 250VAC 6A/ 30VDC  (3~24VDC, DM & LM Type) 10A/120VAC; 10A/30VDC TV-5, 120VAC	File No.: LR 76598-17 (3~24VDC, DM & LM Type) 10A/120VAC; 10A/30VDC TV-5, 120VAC  C-UL File No: E141060 (3~24VDC, D Type) 6A/ 125VAC 3A/ 250VAC 6A/ 30VDC	File No.: R9754184 (3~24VDC, DM & LM Type) 5A/250VAC; 5A/30VDC  (3~24VDC, D Type) 6A/ 125VAC 3A/ 250VAC 6A/ 30VDC

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MI-1P Series	(3~48VDC, D & L Type) 10A/250VAC; 10A/30VDC 1/3HP, 125VAC 1/2HP, 250VAC	File No.: LR 76598-6 (3~48VDC, D & L Type) 10A/250VAC; 10A/30VDC 1/3HP, 125VAC 1/2HP, 250VAC	File No.: R9552084 (3~48VDC, D & L Type) 10A/250VAC; 10A/30VDC
MIH Series	(3~48VDC; D & L Type) 16A/240VAC; 16A/24VDC 1/3HP, 120VAC	File No.: LR 76598-6 (3~48VDC; D & L Type) 16A/250VAC; 16A/24VDC 1/3HP, 120VAC	File No.: R9854160 (3~48VDC) 3A/240VAC (Cos $\phi$ = 0.4); 16A/240VAC (Cos $\phi$ = 1) 16A/30VDC
MI-2P Series	(3~48VDC; D & L Type) 5A/250VAC; 5A/30VDC 1/8HP, 120VAC 1/8HP, 250VAC TV-3, 120VAC	File No.: LR 76598-6 (3~48VDC; D & L Type) 5A/250VAC; 5A/30VDC 1/8HP, 120VAC 1/8HP, 250VAC	File No.: R9552069 (3~48VDC, D & L Type) 5A/240VAC; 5A/24VDC
GZ Series	(3~48VDC, D & L Type) 20A/120VAC; 20A/24VDC 16A/250VAC 1/3HP, 250VAC	File No.: LR 76598-14 (3~48VDC, D & L Type) 20A/120VAC; 20A/24VDC 16A/250VAC	File: R9854192 (3~48VDC, D & L Type) 16A/240VAC, Cos $\phi$ = 1 3A/240VAC, Cos $\phi$ = 0.4 16A/30VDC
GZT Series	(3~48VDC, DM & LM Type) TV-8, 120VAC	File No.: LR 76598-14 (3~48VDC, DM & LM Type) TV-8, 120VAC	File: R9854192 (3~48VDC, DM & LM Type) 16A/240VAC, Cos $\phi$ = 1 3A/240VAC, Cos $\phi$ = 0.4 16A/30VDC
GS Series	C-UL File No. E141060 (3~24VDC, D & T Type) 1A/120VAC; 2A/24VDC	C-UL File No. E141060 (3~24VDC, D & T Type) 1A/120VAC; 2A/24VDC	NIL
GU Series (UL Class F Insulation System File No.: E181845)	C-UL File No.: E141060 (5~110VDC) <u>(GU-D/DF/DFS/DQ Series, Change-Over Contacts)</u> N/O: 20A/240VAC, 20A/30VDC 1-1/2Hp, 240VAC N/C: 10A/240VAC 10A/30VDC 1/2Hp, 240VAC <u>GU-DM/DMF/DMFS/DMQ Series (Normally Open Contact)</u> 30A/240VAC; 30A/30VDC 30A/120VAC 1-1/2HP, 240VAC <u>GU-DMJAC Series (Normally Open Contact)</u> N/O: 30A/250VAC 30A/12VDC	C-UL File No.: E141060 (5~110VDC) <u>(GU-D/DF/DFS/DQ Series, Change-Over Contacts)</u> N/O: 20A/240VAC, 20a/30VDC 1-1/2Hp, 240VAC N/C: 10A/240VAC 10A/30VDC 1/2Hp, 240VAC <u>GU-DM/DMF/DMFS/DMQ Series (Normally Open Contact)</u> 30A/240VAC; 30A/30VDC 30A/120VAC 1-1/2HP, 240VAC <u>GU-DMJAC Series (Normally Open Contact)</u> N/O: 30A/250VAC 30A/12VDC	File No.: R2057813 GU-SS-112DMQ & 124DMQ (12 & 24VDC) 25A/250VAC
GSR Series	(3~12VDC) 0.1A/110VAC; 0.5A/24VDC (H Type only)	File No.: LR 76598-3 (3~12VDC) 0.1A/110VAC; 0.5A/24VDC (H Type only)	NIL

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MIT Series	(5~24VDC, DM & LM Type) TV-5, 120VAC; 5A/120VAC Tungsten (600W)	File No.: LR 76598-2 (5~24VDC, DM & LM Type) TV-5, 120VAC 5A Tungsten, 120VAC	File No.: R9352331 (3~48VDC, DM & LM Type) 5A/24VDC; 10A/240VAC 5A/240VAC (LM Type Only) Rated in Peak Current: 80A
RUT Series	(3,5,6,9,12,24,48VDC) TV-5, 120VAC 120VAC, 15A Tungsten 1800W, 120VAC, 1/2HP TV-8, 120VAC	File No.: LR 76598-1 (3~48VDC) TV-5, 5A Tungsten 120VAC	File No.: R9352326 (3~48VDC) 5A/240VAC; 5A/24VDC 10A/250VAC; 5A/30VDC
AR Series	(6~24VDC) 3A/120VAC; 10A/12VDC	NIL	NIL
ARW Series	(6~24VDC) 5A/120VAC; 15A/12VDC	NIL	NIL
GSA Series	(3~48VDC) 5A/120VAC; 5A/30VDC TV-5, 120VAC	File No.: LR 76598-2 (3~48VDC) 5A/120VAC; 5A/30VDC	File No.: R9854034 (3~48VDC) 5A/250VAC; 5A/30VDC
GSZ Series	(3~48VDC, DM Type) TV-8, 120VAC 16A/120VAC; 16A/30VDC	File No.: LR 76598-2 (3~48VDC) TV-8, 120VAC 16A/120VAC; 16A/30VDC	NIL
SMIT Series	(3~48VDC) TV-5, 120VAC 10A/120VAC; 10A/30VDC	File No.: LR 76598-17 (3~48VDC) TV-5, 120VAC 10A/120VAC; 10A/30VDC	File No.: R9854437 (3~48VDC) 5A/250VAC; 5A/30VDC
SMIT DMR Series	(3~48VDC) 5A/250VAC 5A/30VDC TV-5, 120VAC	File No.: LR 76598-17 (3~48VDC) 5A/250VAC 5A/30VDC TV-5, 120VAC	File No.: R9854437 (3~24VDC) 5A/250VAC 5A/30VDC
SMIT LMR Series	C-UL File No.: E141060 (3~24VDC) 5A/250VAC 5A/30VDC TV-5, 120VAC	C-UL File No.: E141060 (3~24VDC) 5A/250VAC 5A/30VDC TV-5, 120VAC	File No.: R9854437 (3~24VDC) 5A/250VAC 5A/30VDC
RE Series	C-UL File No.: E141060 (6~240VAC; 6~120VDC) 2P: 5A/250VAC; 5A/30VDC 4P: 5A/250VAC; 5A/30VDC	C-UL File No.: E141060 (6~240VAC; 6~120VDC) 2P: 5A/250VAC; 5A/30VDC 4P: 5A/250VAC; 5A/30VDC	NIL
RET Series	C-UL File No.: E141060 (6~240VAC; 6~120VDC) 1P: 15A/250VAC; 15A/30VDC 2P: 10A/250VAC; 10A/30VDC 1/3 HP, 250VAC	C-UL File No.: E141060 (6~240VAC; 6~120VDC) 1P: 15A/250VAC; 15A/30VDC 2P: 10A/250VAC; 10A/30VDC 1/3 HP, 250VAC	NIL
DIR Series	C-UL File No.: E141060 (5~24VDC) 1A/100VDC, Carrying ; 0.5A Switching	C-UL File No.: E141060 (5~24VDC) 1A/100VDC, Carrying ; 0.5A Switching	NIL

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SIR Series	C-UL File No.: E141060 (5~24VDC) 1A/100VDC, Carrying ; 0.5A Switching	C-UL File No.: E141060 (5~24VDC) 1A/100VDC, Carrying ; 0.5A Switching	NIL
SF Series	C-UL File No.: E141060 (5~100VDC) 12A/125VAC 10A/277VAC TV-5, 120VAC 1/4 HP, 125VAC/250VAC	C-UL File No.: E141060 (5~100VDC) 12A/125VAC 10A/277VAC TV-5, 120VAC 1/4 HP, 125VAC/250VAC	File No.: R9956053 (3~100VDC) 10A/277VAC, 16A/250VAC 15A/125VAC, 15A/24VDC
SFG Series	UL File No. E104060 (3~48VDC) 15A/125VAC 10A/250VAC 10A/30VDC	File No. 215642 (3~48VDC) 15A/125VAC 10A/250VAC 10A/30VDC	NIL
EMI 1P & 2P EZ SERIES	C-UL File No.: E141060 (6~110VDC) (24~230VAC) 12A/250VAC; 12A/30VDC 8A/250VAC; 8A/30VDC 16A/250VAC; 16A/30VDC	C-UL File No.: E141060 (6~110VDC) (24~230VAC) 12A/250VAC; 12A/30VDC 8A/250VAC; 8A/30VDC 16A/250VAC; 16A/30VDC	File No: R 3-50006688 File No: R 3-50008958 File No: R 3-50008955 (6~110VDC) (24~230VAC) 12A/250VAC; 12A/30VDC 8A/250VAC; 8A/30VDC 16A/250VAC; 16A/30VDC
JQ Series	C-UL File No.: E141060 (3~24VDC) 1a: 10A/125VAC 5A/250VAC 5A/30VDC 1c: N/O:10A/125VAC 5A/250VAC 5A/30VDC N/C: 5A/125VAC 3A/250VAC	C-UL File No.: E141060 (3~24VDC) 1a: 10A/125VAC 5A/250VAC 5A/30VDC 1c: N/O: 10A/125VAC 5A/250VAC 5A/30VDC N/C: 5A/125VAC 3A/250VAC	File No.: R 3-50008011 (3~24VDC) 1c: N/O: 5A/250VAC 5A/30VDC N/C: 3A/250VAC 1a: 5A/250VAC 5A/30VDC
RK Series	C-UL File No: 175730 (6, 12, 24, 48, 110, 220, 240V) 10A/240VAC 10A/28VDC 1/6Hp/120VAC 1/3Hp/240VAC	C-UL File No: 175730 (6, 12, 24, 48, 110, 220, 240V) 10A/240VAC 10A/28VDC 1/6Hp/120VAC 1/3Hp/240VAC	NIL
RPT Series	C-UL File No: 175730 (6, 12, 24, 120, 240V) RPT (1P, 2P) 25A/300VAC 13A/28VDC (3P) : 20A/277VAC 13A/28VDC (1P,2P,3P): 3/4Hp/120VAC 1Hp/240VAC RPT (No Command): 30A/300VAC 30A/28VDC 1Hp/120VAC 1 1/2Hp/240VAC	C-UL File No: 175730 (6, 12, 24, 120, 240V) RPT (1P, 2P) 25A/300VAC 13A/28VDC (3P) : 20A/277VAC 13A/28VDC (1P,2P,3P): 3/4Hp/120VAC 1Hp/240VAC RPT (No Command): 30A/300VAC 30A/28VDC 1Hp/120VAC 1 1/2Hp/240VAC	NIL

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EIR Series	C-UL File No. E141060 (3, 5, 6, 8, 9, 12, 24V) 0.5A/120VAC 0.5A/30VDC	C-UL File No. E141060 (3, 5, 6, 8, 9, 12, 24V) 0.5A/120VAC 0.5A/30VDC	NIL
PYF-08A & 14A Series Socket	C-UL File No: E141060 5A/250VAC	C-UL File No: E141060 5A/250VAC	NIL
PTF-08AE Series Socket	C-UL File No: E141060 1P:15A/250VAC 2P:10A/250VAC	C-UL File No: E141060 1P:15A/250VAC 2P:10A/250VAC	NIL
ST Series	C-UL File: E141062 ST-D & T & L Type) (3~24VDC) 2A/120VAC 2A/24VDC	C-UL File: E141062 ST-D & T & L Type) (3~24VDC) 2A/120VAC 2A/24VDC	NIL
GQ Series	C-UL File No.: E175730 (3~48VDC) 5A/250VAC 5A/30VDC TV-3/120VAC	C-UL File No.: E175730 (3~48VDC) 5A/250VAC 5A/30VDC TV-3/120VAC	File No.: R 9750747 (3~48VDC) 5A/250VAC 5A/30VDC

# Product Approval Chart ( FIMKO, VDE & SEMKO )

October 1,2002

Certificate Body Relay Model	FIMKO	VDE	SEMKO
MI-1P Series	File No.: FI11385 (3~48VDC, L Type Only) 10A/250VAC	6486ÜG (3~48VDC, D & L Type) 10A/250VAC	File No.: 9834069/01 (3~48VDC, L/LM Type) 10A/250VAC
MI-2P Series	File No.: FI11385 (3~48VDC, L Type Only) 5A/250VAC	6486ÜG (3~48VDC, D & L Type) 5A/250VAC; 5A/30VDC	File No.: 9834069/01 (3~48VDC, L/LM Type) 5A/250VAC
GJ Series	NIL	NIL	File No.: 9822136/01 (3~24VDC, DM & LM Type) 5A/250VAC; 5A/30VDC
SMIT DMR & LMR Series	NIL	NIL	File No.: 0041132/01 (3~24VDC) DMR/LMR (0.25W): 5A/250VAC 5A/30VDC
GQ Series	NIL	File No. 40002204 (3~24VDC) 5A/250VAC Cos $\phi$ = 1 5A/250VAC Cos $\phi$ = 0.4	File No. 9837061/01 (3~48VDC) 5A/250VAC 5A/30VDC