

IEC Power Devices IEC Control Relays Selection Guide C-2000

Section 5

AC Operated Standard Terminals

| Contact Configuration | Product Number |
|-----------------------|----------------|
| 4NO | RL4RA040T* |
| 3NO-1NC | RL4RA031T* |
| 2NO-2NC | RL4RA022T* |
| 4NC | RL4RA004T* |

AC Operated with Ring Terminal Capacity

| Contact Configuration | Product Number |
|-----------------------|----------------|
| 4NO | RL4RA040R* |
| 3NO-1NC | RL4RA031R* |
| 2NO-2NC | RL4RA022R* |
| 4NC | RL4RA004R* |

To complete the product number, replace the asterisk (*) with the appropriate digit from the Coil Selection table. Contact Rating: A600, P600.

AC Coil Selection

| AC Voltage | | * Coil Suffix |
|------------|---------|---------------|
| 60 Hz | 50 Hz | |
| 24 | 24 | 1 |
| 48 | 42 | F |
| 120 | 110 | J |
| 208 | — | L |
| 277 | 220/230 | N |
| 240 | — | S |
| 480 | 380/400 | U |
| — | 415 | W |
| 600 | 500 | Y |

DC Operated Standard Terminals

| Contact Configuration | Product Number |
|-----------------------|----------------|
| 4NO | RL4RD040T# |
| 3NO-1NC | RL4RD031T# |
| 2NO-2NC | RL4RD022T# |
| 4NC | RL4RD004T# |

DC Operated with Ring Terminal Capacity

| Contact Configuration | Product Number |
|-----------------------|----------------|
| 4NO | RL4RD040R# |
| 3NO-1NC | RL4RD031R# |
| 2NO-2NC | RL4RD022R# |
| 4NC | RL4RD004R# |

To complete the product number, replace the crosshatch (#) with the appropriate digit from the Coil Selection table. Contact Rating: A600, P600.

DC Coil Selection

| DC Voltage | # Coil Suffix |
|------------|---------------|
| 12 | B |
| 24 | D |
| 48 | G |
| 125 | K |
| 250 | T |

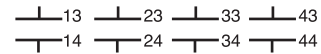
Reference Publications

| Instructions | |
|--------------|----------|
| GEH-6248 | RL Relay |

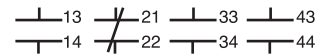


Control Relay

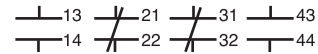
Control Terminal Relay Markings



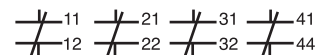
RL4R_040_



RL4R_031_



RL4R_022_



RL4R_004_



Product Number Selection Instructions: See page 5-37

IEC Power Devices

IEC Contactors Technical Data

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Section 5

CL/CK Contactors

| | | CL00A310**, CL00D310**, LAR00A*, LDR00A* | CL01A310**, CL01D310**, LAR01A*, LDR01A* | CL02A310**, CL02D310**, LAR02A*, LDR02A* | CL25A310**, CL25D310**, LAR25A*, LDR25A* | CL04A310**, CL04D310**, LAR04A*, LDR04A* | CL45A310**, CL45D310**, LAR45A*, LDR45A* | |
|---|---|---|---|---|---|--|--|-----------|
| Main Contacts | | | | | | | | |
| Continuous Amp Rating (UL508) | | 25 | 25 | 32 | 32 | 54 | 55 | |
| AC-1 Amps (IEC 947) | | 25 | 25 | 32 | 45 | 60 | 60 | |
| AC-2/AC3 FLA (max) | 200 Volts | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | 460 Volts | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | 575 Volts | 10 | 13.8 | 17.5 | 17.5 | 32 | 27 | |
| AC-2/AC-3 HP(max) 1 Phase | 115 Volts | 0.5 | 0.75 | 1 | 1.5 | 2 | 3 | |
| | 230 Volts | 1.5 | 2 | 3 | 3 | 5 | 5 | |
| AC-2/AC-3 HP(max) 3 Phase | 200 Volts | 3 | 3 | 5 | 5 | 10 | 10 | |
| | 230 Volts | 3 | 3 | 5 | 7.5 | 10 | 10 | |
| | 460 Volts | 5 | 7.5 | 10 | 15 | 20 | 25 | |
| | 575 Volts | 7.5 | 10 | 15 | 15 | 25 | 25 | |
| AC2/3 kW | 380/400 Volts | 4 | 5.5 | 7.5 | 11 | 16 | 18.5 | |
| AC2/3 Amps IEC 947 | 380/400 Volts | 9 | 12 | 18 | 25 | 32 | 40 | |
| AC-4 HP (max) 3 Phase | 200 Volts | 3 | 3 | 5 | 5 | 10 | 10 | |
| | 230 Volts | 3 | 3 | 5 | 7.5 | 10 | 10 | |
| | 460 Volts | 5 | 7.5 | 10 | 15 | 20 | 25 | |
| | 575 Volts | 7.5 | 10 | 15 | 15 | 25 | 25 | |
| Maximum Operational Current 460V and below | AC-1 < 300 ops/hour | 25 | 25 | 32 | 32 | 54 | 55 | |
| | AC-1 < 600 ops/hour | 25 | 25 | 32 | 32 | 54 | 55 | |
| | AC-1 < 1200 ops/hour | 25 | 25 | 32 | 32 | 54 | 55 | |
| | AC-1 3000 ops/hour | 12.5 | 12.5 | 16 | 16 | 27 | 27.5 | |
| | AC-3 < 300 ops/hour | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | AC-3 < 600 ops/hour | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | AC-3 < 1200 ops/hour | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | AC-3 3000 ops/hour | 3.5 | 4.8 | 6.1 | 7.7 | 11.2 | 11.9 | |
| | AC-4 200 ops/hour max | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | AC-4 300 ops/hour max | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | AC-4 360 ops/hour max | 10 | 13.8 | 17.5 | 22 | 32 | 34 | |
| | Wire size - Power Terminals 75C(Cu) | | 14-10 AWG | 14-10 AWG | 14-10 AWG | 14-10 AWG | 14-10 AWG | 14-10 AWG |
| | Torque (Main) in.-lb. | | 15 | 15 | 15 | 20 | 16 | 16 |
| Terminal Type | | Clamp | Clamp | Clamp | Clamp | Clamp | Clamp | |
| Terminal Hole (Contactor Bar) | Diameter | - | - | - | - | - | - | |
| | Bolt Size | - | - | - | - | - | - | |
| Noise | dba | 25 | 25 | 25 | 25 | 25 | 35 | |
| Coil and Switching Data Coil Burden | Inrush (AC Voltage) | 45 va | 45 va | 45 va | 45 va | 88 va | 88 va | |
| | Holding (AC Voltage) | 6 va | 6 va | 6 va | 6 va | 9 va | 9 va | |
| | Inrush (DC Voltage) | 5.5 w | 5.5 w | 5.5 w | 5.5 w | 7.5 w | 7.5 w | |
| | Holding (DC Voltage) | 5.5 w | 5.5 w | 5.5 w | 5.5 w | 7.5 w | 7.5 w | |
| | Inrush (AC/DC Module) | | | | | | | |
| | Holding (AC/DC Module) | | | | | | | |
| Pick-up (% coil voltage) | AC Voltage | 85-110 | 85-110 | 85-110 | 85-110 | 85-110 | 85-110 | |
| | DC Voltage | 80-110 | 80-110 | 80-110 | 80-110 | 80-110 | 80-110 | |
| | AC/DC Module | - | - | - | - | - | - | |
| Drop-out (% coil voltage) | AC Voltage | 40-55 | 40-55 | 40-55 | 40-55 | 40-55 | 40-55 | |
| | DC Voltage | 20-40 | 20-40 | 20-40 | 20-40 | 15-30 | 15-30 | |
| | AC/DC Module | - | - | - | - | - | - | |
| Switching Delay ON (ms) | AC Voltage (at rated voltage) | 8-20 | 8-20 | 8-20 | 8-20 | 10-19 | 10-19 | |
| | AC Voltage (at +10% to -20%) | 6-25 | 6-25 | 6-25 | 6-25 | 7-25 | 7-25 | |
| | DC Voltage (at rated voltage) | 40-50 | 40-50 | 40-50 | 40-50 | 40-65 | 40-65 | |
| | DC Voltage (at +10% to -20%) | 35-65 | 35-65 | 35-65 | 35-65 | 35-70 | 35-70 | |
| | AC/DC Module (at rated voltage) | - | - | - | - | - | - | |
| | AC/DC Module (at +10% to -20%) | - | - | - | - | - | - | |
| Switching Delay OFF (ms) | AC Voltage (at rated voltage) | 6-13 | 6-13 | 6-13 | 6-13 | 5-25 | 5-25 | |
| | AC Voltage (at +10% to -20%) | 6-13 | 6-13 | 6-13 | 6-13 | 5-25 | 5-25 | |
| | DC Voltage (at rated voltage) | 30-60 | 30-60 | 30-60 | 30-60 | 40-65 | 40-65 | |
| | DC Voltage (at +10% to -20%) | 30-60 | 30-60 | 30-60 | 30-60 | 40-65 | 40-65 | |
| | AC/DC Module (at rated voltage) | - | - | - | - | - | - | |
| | AC/DC Module (at +10% to -20%) | - | - | - | - | - | - | |
| Maximum Operations per Hour | AC Voltage (No Load) | 9000 | 9000 | 9000 | 9000 | 9000 | 9000 | |
| | AC Voltage (Rated Load -AC1, AC3) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | |
| | AC Voltage (Rated Load -AC4) | 360 | 360 | 360 | 360 | 360 | 360 | |
| | DC Voltage (No Load) | 3600 | 3600 | 3600 | 3600 | 3600 | 3600 | |
| | DC Voltage (Rated Load -AC1, AC3) | 1200 | 1200 | 1200 | 1200 | 1200 | 1200 | |
| | DC Voltage (Rated Load -AC4) | 360 | 360 | 360 | 360 | 360 | 360 | |
| | AC/DC(Module) Voltage (No Load) | - | - | - | - | - | - | |
| | AC/DC(Module) Module (Rated Load -AC1, AC3) | - | - | - | - | - | - | |
| | AC/DC(Module) Module (Rated Load -AC4) | - | - | - | - | - | - | |
| | AC/DC(Module) Module (Rated Load -AC4) | - | - | - | - | - | - | |
| Mechanical Life (millions of Operations) | | 20 | 20 | 20 | 20 | 20 | 20 | |
| Aux. Contacts Std Product | Rating A600, Q300 | 1NO (Built-in) | 1NO (Built-in) | 1NO (Built-in) | 1NO Front | 1NO (Built-in) | 1NO Front | |
| Aux. Contacts | Maximum Number of Aux. Contacts | 4 | 4 | 4 | 4 | 6 | 6 | |
| | Maximum Aux. Block Configuration | 4 front or 1 side-mount each side | 4 front or 1 side-mount each side | 4 front or 1 side-mount each side | 4 front or 1 side-mount each side | 4 front plus 1 side or 2 front plus 1 side mount each side | 4 front plus 1 side or 2 front plus 1 side mount each side | |



IEC Power Devices

IEC Contactors Technical Data

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Section 5

CL/CK Contactors

| | | CL06A311**, CL06E311**, LAR06A*, LER06A* | CL07A311**, CL07E311**, LAR07A*, LER07A* | CL08A311**, CL08E311**, LAR08A*, LER08A* | CL09A311**, CL09E311**, LAR09A*, LER09A* | CL10A311**, CL10E311**, LAR10A*, LER10A* | CK75CE311*, KAR75C* |
|--|---|---|---|---|---|---|------------------------|
| Main Contacts | | | | | | | |
| Continuous Amp Rating (UL508) | | 80 | 100 | 110(O),102(E) | 140(O),120(E) | 140(O),120(E) | 150 |
| AC-1 Amps (IEC 947) | | 80 | 100 | 110 | 140 | 140 | 200 |
| AC-2/AC3 FLA (max) | 200 Volts | 48 | 62 | 68 | 80 | 104 | 140 |
| | 460 Volts | 48 | 62 | 68 | 80 | 96 | 140 |
| | 575 Volts | 48 | 62 | 68 | 80 | 80 | 140 |
| AC-2/AC-3 HP(max) 1 Phase | 115 Volts | 3 | 3 | 5 | 7.5 | 10 | 10 |
| | 230 Volts | 7.5 | 7.5 | 15 | 15 | 20 | 25 |
| AC-2/AC-3 HP(max) 3 Phase | 200 Volts | 15 | 20 | 20 | 25 | 30 | 40 |
| | 230 Volts | 15 | 20 | 25 | 30 | 40 | 50 |
| | 460 Volts | 30 | 40 | 50 | 60 | 75 | 100 |
| | 575 Volts | 40 | 50 | 60 | 75 | 75 | 125 |
| AC2/3 kW | 380/400 Volts | 22 | 30 | 37 | 45 | 55 | 75 |
| AC2/3 Amps IEC 947 | 380/400 Volts | 50 | 65 | 80 | 95 | 105 | 150 |
| AC-4 HP (max) 3 Phase | 200 Volts | 15 | 20 | 20 | 25 | 30 | 40 |
| | 230 Volts | 15 | 20 | 25 | 30 | 40 | 50 |
| | 460 Volts | 30 | 40 | 50 | 60 | 75 | 100 |
| | 575 Volts | 40 | 50 | 60 | 75 | 75 | 125 |
| Maximum Operational Current | AC-1 < 300 ops/hour | 80 | 100 | 110 | | | |
| 460V and below | AC-1 < 600 ops/hour | 80 | 100 | 110 | 120 | 140(O), 120(E) | 150 |
| | AC-1 < 1200 ops/hour | 80 | 100 | 110 | 96 | 112(O), 96(E) | 125 |
| | AC-1 3000 ops/hour | 40 | 50 | 55 | 48 | 56(O), 48(E) | 50 |
| | AC-3 < 300 ops/hour | 48 | 62 | 68 | | | |
| | AC-3 < 600 ops/hour | 48 | 62 | 68 | 80 | 96 | 140 |
| | AC-3 < 1200 ops/hour | 48 | 62 | 68 | 60 | 72 | 100 |
| | AC-3 3000 ops/hour | 16.8 | 21.7 | 23.8 | 20 | 24 | 30 |
| | AC-4 200 ops/hour max | 48 | 62 | 68 | 80 | 96 | 140 |
| | AC-4 300 ops/hour max | 48 | 62 | 68 | - | - | - |
| | AC-4 360 ops/hour max | 48 | 62 | 68 | - | - | - |
| Wire size - Power Terminals | | 14-10 AWG | 14-10 AWG | 14-10 AWG | 10-2/0 AWG | 10-2/0 AWG | 6 AWG - 250kcmil |
| 75C(Cu) | | | | | | | |
| Torque (Main) in.-lb. | | 40 | 40 | 40 | 60 | 60 | 275 |
| Terminal Type | | Box Lug | Box Lug | Box Lug | Box Lug | Box Lug | Optional Lug CKX03 |
| Terminal Hole | Diameter | - | - | - | - | - | 0.32 |
| (Contactor Bar) | Bolt Size | - | - | - | - | - | M-8 |
| Noise | dba | 45 | 45 | 45 | 45 | 45 | 45 |
| Coil and Switching Data Coil Burden | | | | | | | |
| | Inrush (AC Voltage) | 191 va | 191 va | 191 va | 191 va | 191 va | |
| | Holding (AC Voltage) | 17 va | 17 va | 17 va | 17 va | 17 va | |
| | Inrush (DC Voltage) | | | | | | |
| | Holding (DC Voltage) | | | | | | |
| | Inrush (AC/DC Module) | 125 w | 125 w | 125 w | 125 w | 125 w | 350 va |
| | Holding (AC/DC Module) | 2.5 w | 2.5 w | 2.5 w | 2.5 w | 2.5 w | 20 va |
| Pick-up (% coil voltage) | AC Voltage | 85-110 | 85-110 | 85-110 | 85-110 | 85-110 | |
| | DC Voltage | - | - | - | - | - | - |
| | AC/DC Module | 80-110 | 80-110 | 80-110 | 80-110 | 80-110 | 80-110 |
| Drop-out (% coil voltage) | AC Voltage | 40-60 | 40-60 | 40-60 | 40-60 | 40-60 | |
| | DC Voltage | - | - | - | - | - | - |
| | AC/DC Module | 40-60 | 40-60 | 40-60 | 40-60 | 40-60 | 40-60 |
| Switching Delay ON (ms) | AC Voltage (at rated voltage) | 15-30 | 15-30 | 15-30 | 15-30 | 15-30 | - |
| | AC Voltage (at +10% to -20%) | 9-35 | 9-35 | 9-35 | 9-35 | 9-35 | - |
| | DC Voltage (at rated voltage) | - | - | - | - | - | - |
| | DC Voltage (at +10% to -20%) | - | - | - | - | - | - |
| | AC/DC Module (at rated voltage) | 50-60 | 50-60 | 50-60 | 55-60 | 55-60 | 60-70 |
| | AC/DC Module (at +10% to -20%) | 60-80 | 60-80 | 60-80 | 40-50 | 40-50 | - |
| Switching Delay OFF (ms) | AC Voltage (at rated voltage) | 9-15 | 9-15 | 9-15 | 9-15 | 9-15 | - |
| | AC Voltage (at +10% to -20%) | 9-15 | 9-15 | 9-15 | 9-15 | 9-15 | - |
| | DC Voltage (at rated voltage) | 55-60 | - | - | - | - | - |
| | DC Voltage (at +10% to -20%) | 40-50 | - | - | - | - | - |
| | AC/DC Module (at rated voltage) | 55-60 | 55-60 | 55-60 | 55-60 | 55-60 | 13-17 |
| | AC/DC Module (at +10% to -20%) | 40-50 | 40-50 | 40-50 | 40-50 | 40-50 | - |
| Maximum Operations per Hour | AC Voltage (No Load) | 9000 | 9000 | 9000 | 5000 | 5000 | - |
| | AC Voltage (Rated Load -AC1, AC3) | 1200 | 1200 | 1200 | 1200 | 1200 | - |
| | AC Voltage (Rated Load -AC4) | 200 | 200 | 200 | 200 | 200 | - |
| | DC Voltage (No Load) | - | - | - | - | - | - |
| | DC Voltage (Rated Load -AC1, AC3) | - | - | - | - | - | - |
| | DC Voltage (Rated Load -AC4) | - | - | - | - | - | - |
| | AC/DC(Module) Voltage (No Load) | 2500 | 2500 | 2500 | 2500 | 2500 | 1200 |
| | AC/DC(Module) Module (Rated Load -AC1, AC3) | 1200 | 1200 | 1200 | 1200 | 1200 | 600 |
| | AC/DC(Module) Module (Rated Load -AC4) | 200 | 200 | 200 | 200 | 200 | 150 |
| Mechanical Life (millions of Operations) | | 15 | 15 | 15 | 15 | 15 | 10 |
| Aux. Contacts Std Product | Rating A600, Q300 | 1N0, 1NC Front | 1N0, 1NC Front | 1N0, 1NC Front | 1N0, 1NC Front | 1N0, 1NC Front | 1N0, 1NC Side |
| Aux. Contacts | Maximum Number of Aux. Contacts | 8 | 8 | 8 | 8 | 8 | 8 |
| | Maximum Aux. Block Configuration | 6 front plus 1 side mount or 2 side mount each side | 6 front plus 1 side mount or 2 side mount each side | 6 front plus 1 side mount or 2 side mount each side | 6 front plus 1 side mount or 2 side mount each side | 6 front plus 1 side mount or 2 side mount each side | 2 side mount each side |



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CL/CK Contactors

| | | CK08CE311*, KAR08C* | CK09BE311*, KAR09B* | CK95BE311*, KAR95B* | CK10CE311*, KAR10C* | CK11CE311*, KAR11C* | CK12BE311*, KAR12B* | |
|---|---|---------------------------|---------------------------|---------------------------|---------------------------|--|--|--|
| Main Contacts | | | | | | | | |
| Continuous Amp Rating (UL508) | | 175 | 200 | 310 | 500 | 600 | 750 (O), 650(E) | |
| AC-1 Amps (IEC 947) | | 250 | 315 | 500 | 600 | 700 | 1000 | |
| AC-2/AC3 FLA (max) | 200 Volts | 156 | 192 | 302 | 398 | 480 | 602 | |
| | 460 Volts | 156 | 192 | 302 | 398 | 480 | 602 | |
| | 575 Volts | 156 | 192 | 302 | 398 | 480 | 602 | |
| AC-2/AC-3 HP(max) 1 Phase | 115 Volts | 15 | | | | | | |
| | 230 Volts | 30 | | | | | | |
| AC-2/AC-3 HP(max) 3 Phase | 200 Volts | 50 | 60 | 100 | 125 | 150 | 200 | |
| | 230 Volts | 60 | 75 | 100 | 150 | 200 | 250 | |
| | 460 Volts | 125 | 150 | 250 | 300 | 400 | 500 | |
| | 575 Volts | 150 | 150 | 300 | 400 | 500 | 600 | |
| AC2/3 kW | 380/400 Volts | 90 | 132 | 160 | 220 | 280 | 375 | |
| AC2/3 Amps IEC 947 | 380/400 Volts | 185 | 250 | 310 | 420 | 550 | 700 | |
| AC-4 HP (max) 3 Phase | 200 Volts | 50 | 60 | 100 | 125 | 150 | 200 | |
| | 230 Volts | 60 | 75 | 100 | 150 | 200 | 250 | |
| | 460 Volts | 125 | 150 | 250 | 300 | 400 | 500 | |
| | 575 Volts | 150 | 150 | 250 | 400 | 500 | 600 | |
| Maximum Operational Current 460V and below | AC-1 < 300 ops/hour | | | | 500 | 600 | 810 | |
| | AC-1 < 600 ops/hour | 175 | 200 | 310 | 400 | 500 | 648 | |
| | AC-1 < 1200 ops/hour | 140 | 160 | 250 | - | - | - | |
| | AC-1 3000 ops/hour | 70 | 80 | 120 | - | - | - | |
| | AC-3 < 300 ops/hour | | | | 398 | 480 | 602 | |
| | AC-3 < 600 ops/hour | 156 | 192 | 302 | 299 | 360 | 452 | |
| | AC-3 < 1200 ops/hour | 115 | 144 | 227 | - | - | - | |
| | AC-3 3000 ops/hour | 39 | 48 | 76 | - | - | - | |
| | AC-4 200 ops/hour max | 156 | 192 | 302 | 398 | 480 | 602 | |
| | AC-4 300 ops/hour max | - | - | - | 398 | 480 | 602 | |
| | AC-4 360 ops/hour max | - | - | - | - | - | - | |
| | Wire size - Power Terminals 75C(Cu) | | 6 AWG - 250kcmil | 6 AWG - 350kcmil | 6 AWG - 350kcmil | 2 AWG - 500kcmil ; 2/0 AWG - 600kcmil | 2 AWG - 500kcmil ; 2/0 AWG - 600kcmil | 2 AWG - 500kcmil ; 2/0 AWG - 600kcmil |
| | Torque (Main) in.-lb. | | 275 | 200 | 200 | 375 | 375 | 375 |
| Terminal Type | | Optional Lug CKX03 | Optional Lug CKX02 | Optional Lug CKX02 | Optional Lug CKX01 | Optional Lug CKX01 | Optional Lug CKX01 | |
| Terminal Hole (Contactor Bar) | Diameter | 0.32 | 0.43 | 0.43 | 0.43 | 0.43 | 0.43 | |
| | Bolt Size | M-8 | M-10 | M-10 | M-10 | M-10 | M-10 | |
| Noise | dba | 45 | 45 | 45 | 45 | 45 | 45 | |
| Coil and Switching Data Coil Burden | Inrush (AC Voltage) | | | | | | | |
| | Holding (AC Voltage) | | | | | | | |
| | Inrush (DC Voltage) | | | | | | | |
| | Holding (DC Voltage) | | | | | | | |
| | Inrush (AC/DC Module) | 350 va | 425 va | 425 va | 750 va | 750 va | 750 va | |
| | Holding (AC/DC Module) | 20 va | 20 va | 20 va | 25 va | 25 va | 25 va | |
| Pick-up (% coil voltage) | AC Voltage | | | | | | | |
| | DC Voltage | - | - | - | - | - | - | |
| | AC/DC Module | 80-110 | 80-110 | 80-110 | 80-110 | 80-110 | 80-110 | |
| Drop-out (% coil voltage) | AC Voltage | | | | | | | |
| | DC Voltage | - | - | - | - | - | - | |
| | AC/DC Module | 40-60 | 40-60 | 40-60 | 40-60 | 40-60 | 40-60 | |
| Switching Delay ON (ms) | AC Voltage (at rated voltage) | - | - | - | - | - | - | |
| | AC Voltage (at +10% to -20%) | - | - | - | - | - | - | |
| | DC Voltage (at rated voltage) | - | - | - | - | - | - | |
| | DC Voltage (at +10% to -20%) | - | - | - | - | - | - | |
| | AC/DC Module (at rated voltage) | 60-70 | 60-70 | 60-70 | 110-115 | 110-115 | 70-80 | |
| | AC/DC Module (at +10% to -20%) | - | - | - | - | - | - | |
| Switching Delay OFF (ms) | AC Voltage (at rated voltage) | - | - | - | - | - | - | |
| | AC Voltage (at +10% to -20%) | - | - | - | - | - | - | |
| | DC Voltage (at rated voltage) | - | - | - | - | - | - | |
| | DC Voltage (at +10% to -20%) | - | - | - | - | - | - | |
| | AC/DC Module (at rated voltage) | 13-17 | 13-17 | 13-17 | 70-80 | 70-80 | 70-80 | |
| | AC/DC Module (at +10% to -20%) | - | - | - | - | - | - | |
| Maximum Operations per Hour | AC Voltage (No Load) | - | - | - | - | - | - | |
| | AC Voltage (Rated Load -AC1, AC3) | - | - | - | - | - | - | |
| | AC Voltage (Rated Load -AC4) | - | - | - | - | - | - | |
| | DC Voltage (No Load) | - | - | - | - | - | - | |
| | DC Voltage (Rated Load -AC1, AC3) | - | - | - | - | - | - | |
| | DC Voltage (Rated Load -AC4) | - | - | - | - | - | - | |
| | AC/DC(Module) Voltage (No Load) | 1200 | 1200 | 1200 | 900 | 900 | 900 | |
| | AC/DC(Module) Module (Rated Load -AC1, AC3) | 600 | 600 | 600 | 300 | 300 | 300 | |
| | AC/DC(Module) Module (Rated Load -AC4) | 150 | 150 | 150 | 120 | 120 | 120 | |
| | AC/DC(Module) Module (Rated Load -AC4) | 10 | 10 | 10 | 10 | 10 | 10 | |
| Aux. Contacts Std Product | Rating A600, Q300 | 1NO,1NC Side | 1NO,1NC Side | 1NO,1NC Side | 1NO,1NC Side | 1NO,1NC Side | 1NO,1NC Side | |
| Aux. Contacts | Maximum Number of Aux. Contacts | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Maximum Aux. Block Configuration | 2 side mount each side | 2 side mount each side | 2 side mount each side | 2 side mount each side | 2 side mount each side | 2 side mount each side | |

