

## WOYR2.E36479 Switches, Special Use - Component

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See General Information for Switches, Special Use - Component

**SAIA-BURGESS GATESHEAD LTD**

E36479

DUKESWAY

TEAM VALLEY TRADING ESTATE

GATESHEAD, TYNE & WEAR

NE11 0UB ENGLAND, UNITED KINGDOM

| Cat. No.                  | Amps | V       | Frequency | HP  |
|---------------------------|------|---------|-----------|-----|
| V3 aa ab ag               | 10   | 250     | 60        | —   |
| V3/697 ab ac ag           | —    | 125     | 60        | 1/3 |
| V39ULS ab ac ag           | 10   | 250     | 60        | —   |
|                           | —    | 125-250 | 60        | 1/3 |
| AV3T aa ab ae ag          | 10   | 250     | 60        | —   |
|                           | —    | 125     | 60        | 1/3 |
| 2V3CMS w/wo NA            | 10   | 250     | 60        | —   |
| f/b LH,RH and 2V3HM6S     | —    | 125     | 60        | 1/3 |
| w/wo A,LR,RA all ab ad ag |      |         |           |     |
| V4D f/b T6 thru T9,       | 5    | 250     | 60        | —   |
| T11 or T81 thru           |      |         |           |     |
| T86, w/wo C2              |      |         |           |     |
| or C4 f/b Y, Y1           |      |         |           |     |
| thru Y3, YC, YR1,         |      |         |           |     |
| A, A1 thru A3,            |      |         |           |     |
| AC1 or AR1 w/wo GP        |      |         |           |     |
| f/b XXXX                  |      |         |           |     |
| 2V3T,A2V3T ab ad          | 10   | 250     | 60        | —   |
| ae ag and 2V3Q1T          | —    | 125     | 60        | 1/3 |
| MV-3HM6S aa ab ag         | 10   | 250     | 60        | —   |
|                           |      |         |           |     |

|                           |      |         |    |     |
|---------------------------|------|---------|----|-----|
|                           | —    | 125     | 60 | 1/3 |
| 2VC f/b FT,SPT            | 10   | 250     | 60 | —   |
| w/wo pref A ae ag         | —    | 125     | 60 | 1/3 |
| and AVCSPT ae ag          |      |         |    |     |
| V32 aa ag                 | 10   | 125     | 60 | —   |
|                           | 5    | 250     | 60 | —   |
| VBSP/1633 ac ag           | 10.1 | 125-250 | 60 | —   |
| and VTSJ/1920 aa ag       |      |         |    |     |
| VB f/b F,FJ,FK,           | 15   | 250     | 60 | —   |
| S,SJ,SP,F2,               | —    | 125-250 | 60 | 1/3 |
| F2/1974,FJ2,FK2,          |      |         |    |     |
| S2,SJ2,SP2 aa ag          |      |         |    |     |
| VB f/b FJ9,FJ/1788,SJ9 ag | 15   | 250     | 60 | —   |
|                           | —    | 125-250 | 60 | 1/3 |
| VB f/b F929,F1070,        | 15   | 250     | 60 | —   |
| FY/1338,FY1/1340,         | —    | 125-250 | 60 | 1/3 |
| F9,F/1633 ac ag           |      |         |    |     |
| VC f/b F,FJ,FK,S,SJ,SP,   | 15   | 250     | 60 | —   |
| F2,FJ2,FJ9,FK2,S2,        | —    | 125-250 | 60 | 1/3 |
| SJ2,SP2 aa ag             |      |         |    |     |
| VC f/b F929,              | 15   | 250     | 60 | —   |
| F/1339,SP/9 ac ag         | —    | 125-250 | 60 | 1/3 |
| VCF9 af ag                | 15   | 250     | 60 | —   |
|                           | —    | 125-250 | 60 | 1/3 |
| QVC f/b F9D,F9P ae ag     | 15   | 250     | 60 | —   |
|                           | —    | 125-250 | 60 | 1/3 |
| VT f/b F,FJ,FK,S,SJ,      | 15   | 250     | 60 | —   |
| SP,F2,FJ2,FK2,S2,         | —    | 125-250 | 60 | 1/3 |
| SJ2,SP2 aa ag             |      |         |    |     |
| VT f/b SPY/929,SP9Y ac ag | 15   | 250     | 60 | —   |
|                           | —    | 125-250 | 60 | 1/3 |
| VTF9 ab af ag             | 15   | 250     | 60 | —   |
|                           | —    | 125-250 | 60 | 1/3 |
| V39 ac ag                 | 15   | 250     | 60 | —   |
|                           | —    | 125-250 | 60 | 1/3 |
|                           |      |         |    |     |

|                                |      |         |    |     |
|--------------------------------|------|---------|----|-----|
| VBF9/1633 af                   | 15   | 125-250 | 60 | —   |
| V39ULS ac ag                   | 15   | 250     | 60 | —   |
|                                | —    | 125-250 | 60 | 1/3 |
| V4 f/b T1-T5 w/wo pref S       | 5    | 125-250 | 60 | —   |
| w/wo suff no.,w/wo suff GP     |      |         |    |     |
| V24T7T w/wo /1453              | 5    | 125-250 | 60 | —   |
| w/wo pref A ae ag              |      |         |    |     |
| M2V3HM6SF                      | 10   | 125-250 | 60 | 1/3 |
| CR,CT f/b 1,2,7 ah;            | 15   | 125-250 | 60 | —   |
| 4CRQR;CRQRMB ai                | —    | 125     | 60 | 1/8 |
|                                | —    | 250     | 60 | 1/4 |
| CT2ULS ah                      | 10.1 | 125-250 | 60 | —   |
|                                | —    | 125     | 60 | 1/8 |
|                                | —    | 250     | 60 | 1/4 |
| CR f/b LNA-RH,                 | 15   | 125-250 | 60 | —   |
| LN-LH w suff w/wo pref C       | 15   | 480     | 60 | —   |
|                                | —    | 125     | 60 | 1/8 |
|                                | —    | 250     | 60 | 1/4 |
| CT f/b HMS,HMSA,               | 15   | 125-250 | 60 | —   |
| HMSNA,HQRMS w RH,LH            | 15   | 480     | 60 | —   |
| w/wo pref C and CTHME3-MSI,    |      |         |    |     |
| C-CTHME3-M,C-CTHME3-1          |      |         |    |     |
| all w/wo 626,700               |      |         |    |     |
| and CTQ f/b MB,MBA,MS,MSA,     |      |         |    |     |
| RMB,RMS,R2MB, R2MS ai          |      |         |    |     |
| and C9CTQMS w/wo A and 9CTQMSF |      |         |    |     |
| w/wo 2 w/wo pref C,M           |      |         |    |     |
| CT2/2253                       | 15   | 125-250 | 60 | —   |
|                                | .25  | 250     | DC | —   |
|                                | .5   | 125     | DC | —   |
|                                | —    | 125     | 60 | 1/8 |
|                                | —    | 250     | 60 | 1/4 |
| C6R06 w/wo S                   | 10   | 250     | 60 | —   |
| V9 w/wo suff L,LE,LR w/wo      | 10   | 125-250 | 60 | —   |
| pref G w/wo suff GP            |      |         |    |     |
|                                |      |         |    |     |

|                              |      |         |    |     |
|------------------------------|------|---------|----|-----|
| and V13 w suff H,HL,         |      |         |    |     |
| HLE,HLR,HM,HMR,L,            |      |         |    |     |
| LE,LR,M,MR w/wo suff GP      |      |         |    |     |
| V12 aj                       | 15   | 125-250 | 60 | —   |
| V121,V122 aj                 | 15   | 125-250 | 60 | —   |
| V12KULS w/wo GP,TPS1,TPS2    | 15   | 125-250 | 60 | —   |
| V4T f/b 6,7,8,9,10,          | 5    | 125-250 | 60 | —   |
| 7-OK,7-XC,7-XD,7-XK,         | 3    | 30      | DC | —   |
| 8-CL, w/wo prefix S,         |      |         |    |     |
| V4T6 f/b Y1/1230,Y/1354,     |      |         |    |     |
| 1/1269,Y1/1430 w/wo suff GP, |      |         |    |     |
| 1494,2459,AD,w/wo prefix S   |      |         |    |     |
| V42T f/b 6,7,8,9,            | 2    | 125-250 | 60 | —   |
| 9/1522,w/wo prefix S;        |      |         |    |     |
| V242T f/b 6,7,8,9            |      |         |    |     |
| w/wo Y1,YR1                  |      |         |    |     |
| w/wo BC,w/wo prefix S        |      |         |    |     |
| V3S w/wo suff T,             | 5    | 125-250 | 60 | —   |
| w/wo suff 8,9,10,/2359       | 3    | 30      | DC | —   |
| CV4S f/b suff 8-10,/2726     | 3    | 250     | 60 | —   |
| w 22 AWG wire                | .015 | 15      | DC | —   |
| Above CV4S Series            | 2    | 250     | 60 | —   |
| w 18 AWG wire                | .015 | 15      | DC | —   |
| CV4S-ZEN                     | 3    | 250     | 60 | —   |
|                              | .015 | 15      | DC | —   |
| V24T f/b 6-9 w/wo Y1,        | 5    | 125-250 | 60 | —   |
| YR1 w/wo BC,w/wo prefix S    |      |         |    |     |
| F1T8 ak;F1T8-Y1-ZEX          | 5    | 250     | 60 | —   |
| F1T8,F12T8 f/b ULS           | .03  | 15      | DC | —   |
| F12T8 ak                     | 2    | 250     | 60 | —   |
| F1NT8,F1NST8 f/b GP or AU    | 1    | 250     | 60 | —   |
| F1NST8-FAP                   | 1    | 250     | 60 | —   |
| K5 al,K5c am                 | 16   | 125-250 | 60 | —   |
|                              | —    | 250     | 60 | 3/4 |
| K51,K52 al,K51C,K52C am      | 16   | 125-250 | 60 | —   |
|                              |      |         |    |     |

|                                       |          |         |            |     |
|---------------------------------------|----------|---------|------------|-----|
| al=w/wo suff AZ, Hm, K, KR, Q, T, 845 | —        | 250     | 60         | 3/4 |
| am=w/wo suff A2, Hm 845               |          |         |            |     |
| M1,M11,M12 w/wo suff M1A1,M1AR1       | 5        | 125-250 | 60         | —   |
| M2 w/wo suff                          | 10       | 125-250 | 60         | —   |
| M2A1,M2AR1                            |          |         |            |     |
| V11 f/b FJ,S                          | 3        | 125-250 | 60         | —   |
| V112 f/b FJ,S,S/1317                  | 2        | 125-250 | 60         | —   |
| F4T6,F4T7,F4T8,F5T8 w/wo              | 5        | 125-250 | 60         | —   |
| Y1,YC w/wo GP w/wo pref U             |          |         |            |     |
| F4T6,F4T7,F5T8                        | 3        | 250     | 60         | —   |
| f/b /2689                             |          |         |            |     |
| F4T7-ULS                              | 2        | 250     | 60         | —   |
| All Recognized                        | (Same as | basic   | Cat. Nos.) |     |
| Special Use                           |          |         |            |     |
| Switches catalog numbers              |          |         |            |     |
| w/ suff 100-9999                      |          |         |            |     |
| DS 3/1143 w/wo                        | 10       | 250     | 60         | —   |
| suff Y1,Y2,Y3,YC,YR1,GP               |          |         |            |     |
| DS f/b 1,2,3,6                        | 15       | 250     | 60         | —   |
| w/wo Y1,Y2,Y3,YC,YR1,GP               |          |         |            |     |
| FK4 f/b T6,T7,T8 w/wo                 | 5        | 250     | 60         | —   |
| suff Y1,Y2,Y3,YC,YR1,GP               |          |         |            |     |
| V37,VCF7,VCFJ7,VCSP7 ao               | 5        | 250     | 60         | —   |
| V372,VCF72,VCFJ72,VCSP72ao            | 2        | 250     | 60         | —   |
| L3151,L6151 w pref C                  | 7        | 250     | 60         | —   |
| w/wo pref B,G,M w/wo suff Y1,         |          |         |            |     |
| Y2,Y3,YC,YR1,GP                       |          |         |            |     |
| KB5-A2 w/wo suff K,KR                 | 20       | 250     | 60         | —   |
| before -A2 w/wo suff T ap/UL;         | —        | 125     | 60         | 1   |
| KB5EQ w/wo suff R,R2 ap/UL;           | —        | 250     | 60         | 2   |
| KB5F w/wo suff K,KR,T ap/UL           |          |         |            |     |
| KB5-A2 w/wo suffix K, KR              | 20       | 250     | 60         | —   |
| before -A2 w/wo suffix T ap/ULS       | —        | 125     | 60         | 1   |
| KB5EQ w/wo suffix R, R2 ap/ULS        | —        | 250     | 60         | 2   |
| KB5F w/wo suffix K, KR, T ap/ULS      |          |         |            |     |
|                                       |          |         |            |     |

|                                 |          |         |           |     |
|---------------------------------|----------|---------|-----------|-----|
| S310,S315,SM360                 | 25       | 250     | 60        | —   |
| w/wo pref B,C,G,M ap            | —        | 250     | 60        | 2   |
|                                 | —        | 125     | 60        | 1   |
| BVM f/b F,FJ,SP,SJ,A2,          | 10       | 250     | 60        | —   |
| Y,YR,Y1,Y2,Y3,YR1,              | —        | 125/250 | 60        | 1/2 |
| GP or TP f/b UL                 |          |         |           |     |
| BVM3 f/b F,FJ,SP,SJ,A2,         | 10       | 250     | 60        | —   |
| Y,YR,Y1,Y2,YR1,                 | —        | 125/250 | 60        | 1/2 |
| GP or TP f/b UL                 |          |         |           |     |
| BVM f/b F,FJ,SP,SJ,A2,          | 10       | 250     | 60        | —   |
| Y,YR,Y1,Y2,Y3,YR1,              | —        | 125/250 | 60        | 1/2 |
| GP or TP f/b ULS                |          |         |           |     |
| BVM3 f/b F,FJ,SP,SJ,A2,         | 10       | 250     | 60        | —   |
| Y,YR,Y1,Y2,Y3,YR1,              | —        | 125/250 | 60        | 1/2 |
| GP or TP f/b ULS                |          |         |           |     |
| LP2SP ap                        | 1        | 250     | 60        | —   |
| LP1SP ap                        | 1.5      | 250     | 60        | —   |
| LPSP ap                         | 2        | 250     | 60        | —   |
| LPHSP ap                        | 3        | 250     | 60        | —   |
| Any Recognized Cat. No.         | (Same as | Basic   | Cat. No.) |     |
| w/Y1,Y2,Y3,YC,YR1,GP            |          |         |           |     |
| V4N aq                          | 5        | 250     | 60        | —   |
| V4N2 aq                         | 2        | 250     | 60        | —   |
| V4NS ar                         | 3        | 250     | 60        | —   |
| V4NSE /3299 f/b T6,T7,T8,       | 5        | 250     | 60        | —   |
| T81,T82,T83,T9 ar               |          |         |           |     |
| V4NS f/b E,T6,T7,T8,            | 5        | 250     | 60        | —   |
| T81,T82,T83,T9 ar               |          |         |           |     |
| V4NS-AEN                        | 3        | 250     | 60        | —   |
|                                 | .015     | 15vdc   | —         | —   |
| V4Naq-AUX,V4N2aq-AUX,V4NSaq-AUX | 0.5      | 250     | 60        | —   |
| K2 f/b 1, f/b 1,2               | 2        | 250     | 60        | —   |
| f/b 1,2 f/b 00,01,10,11         | 4        | 125     | 60        | —   |
|                                 | 10       | 12      | DC        | —   |
| P2 f/b 1,2,3,4,5,6              | 2        | 250     | 60        | —   |
|                                 |          |         |           |     |

|                                 |       |         |    |       |
|---------------------------------|-------|---------|----|-------|
| f/b 1,2 f/b 1,2 f/b 00,01,10,11 | 4     | 125     | 60 | —     |
|                                 | 10    | 12      | DC | —     |
| P5 f/b 1,2,3,4,5,6,7,           | 5     | 250     | 60 | —     |
| 8,9,10 f/b 1,2 f/b 1,2          | 10    | 125     | 60 | —     |
| f/b 00,01,10,11                 | 15    | 24      | DC | —     |
| X-4 Series with suffix A or B   | D 0.1 | 125     | 60 | —     |
|                                 | C 3   | 250     | 60 | —     |
| or C or D f/b suffixes          | B 6   | 250     | 60 | —     |
|                                 | A 12  | 250     | 60 | —     |
| XKA22                           | 1     | 250     | 60 | —     |
| X3M f/b suffixes f/b A, f/b     | 20.5  | 250     | 60 | —     |
| additional suffixes             | —     | 250     | 60 | 1 1/2 |
|                                 | —     | 250     | 60 | 1/2   |
|                                 | 15    | 250     | 60 | —     |
| X3M f/b suffixes f/b K, f/b     | 20.5  | 250     | 60 | —     |
| additional suffixes             | —     | 250     | 60 | 1 1/2 |
|                                 | —     | 125     | 60 | 1/2   |
| X3M f/b suffixes f/b L, f/b     | 12    | 250     | 60 | —     |
| additional suffixes             | —     | 250     | 60 | 1/3   |
|                                 | —     | 250     | 60 | 1/6   |
| XF, XFA aa                      | 15    | 250     | 60 | —     |
|                                 | —     | 125/250 | 60 | 1/2   |
| XF f/B, E aa                    | 10    | 250     | 60 | —     |
|                                 | —     | 125     | 60 | 1/4   |
|                                 | —     | 250     | 60 | 1/3   |
| XFC aa                          | 10    | 250     | 60 | —     |
|                                 | —     | 125     | 60 | 1/6   |
|                                 | —     | 250     | 60 | 1/3   |
| XFK aa                          | 10    | 250     | 60 | —     |
|                                 | —     | 125     | 60 | 1/4   |
|                                 | —     | 250     | 60 | 1/3   |
|                                 | .15   | 250     | DC | —     |
|                                 | .3    | 125     | DC | —     |
| XFD aa                          | 10    | 250     | 60 | —     |
| aa=2,3,4,5,7,9,10,11,           | —     | 125     | 60 | 1/4   |
|                                 |       |         |    |       |

|                                      |      |            |    |       |
|--------------------------------------|------|------------|----|-------|
| w/wo suff w/wo -81,-82,-83 w/wo suff | —    | 250        | 60 | 1/3   |
|                                      | .1   | 125        | DC | —     |
| XO w/wo 4,5 f/b                      | 20   | 480        | 60 | —     |
| 1-3 or 6,w/o suffixes                | —    | 125        | 60 | 1     |
|                                      | —    | 250        | 60 | 2     |
| XOH w/wo 4,5,f/b                     | 10   | 250        | 60 | —     |
| 1-3 or 6 w/wo suffixes               | —    | 125        | 60 | 1/4   |
|                                      | —    | 250        | 60 | 1/2   |
| XP f/b 2,42,S42 w/wo                 | 16   | 250        | 60 | —     |
| 81,w/wo E1,E2 or XP52,               | —    | 125/250    | 60 | 1/4   |
| w/wo 81,w/wo E2 aj                   |      |            |    |       |
| XP52 w/wo 81,f/b E1 aj               | 16   | 250        | 60 | —     |
|                                      | —    | 125/250    | 60 | 1/2   |
| XP w/wo 4,5,S4,f/b 2A                | 6    | 250        | 60 | —     |
| w/wo 81,w/wo E1, E2 aj               | 0.3  | 24         | DC | —     |
|                                      | —    | 125/250    | 60 | —     |
| XS f/b C,f/b 06,10,                  | 0.3  | 30         | DC | —     |
| w/wo A,w/wo A,                       | 15   | 125/250    | 60 | —     |
| w/wo C, w/wo O,                      | —    | 125        | 60 | 1/2   |
| w/wo K1,K3, w/wo suffixes            | —    | 250        | 60 | 1 1/2 |
| XTD f/b 22,29,92,                    | 15.5 | 125/250    | 60 | —     |
| w/wo A w/wo suffixes                 | —    | 250        | 60 | 1 1/2 |
|                                      | —    | 125        | 60 | 1/2   |
|                                      | 0.5  | 30         | DC | —     |
| XTD f/b 26,27,62,66,69,              | 14   | 125/250    | 60 | —     |
| 72,77,79,96,97,                      | 0.5  | 30         | DC | —     |
| w/wo A w/wo suffixes                 | —    | 250        | 60 | 1 1/2 |
|                                      | —    | 125        | 60 | 1/2   |
| PN4 f/b 0, 01, 02, 1, -1,            | 15A  | 125,250Vac | 60 | —     |
| B7, B12, BGK, D2, G,                 | —    | 125Vac     | 60 | 1/8   |
| GH, GK, K, KZ, N,                    | —    | 250Vac     | 60 | 1/4   |
| R165, RK, RKG                        |      |            |    |       |
| or RKBG, ww/o 26,                    |      |            |    |       |
| 28, 32, 35, 48, 56, 63               |      |            |    |       |
| or 152, ww/o X or T                  |      |            |    |       |
|                                      |      |            |    |       |



|                                    |        |             |    |       |
|------------------------------------|--------|-------------|----|-------|
| PN4 at                             | 15A    | 125, 250Vac | 60 | —     |
|                                    | —      | 125Vac      | 60 | 1/8   |
|                                    | —      | 250Vac      | 60 | 1/4   |
| G3M1 as                            | 7      | 250         | 60 | —     |
| G3M2 as                            | 10.1   | 250         | 60 | —     |
| G3M3 as                            | 15     | 250         | 60 | —     |
| G3M4 as                            | 18     | 250         | 60 | —     |
| G3M2AU as                          | 10.1   | 250         | 60 | —     |
| G3M4AU as                          | 10.1   | 250         | 60 | —     |
|                                    | —      | 250         | 60 | 1/3   |
|                                    | —      | 125         | 60 | 1/6   |
| G3G3 as                            | 10.1   | 250         | 60 | —     |
| G3G4 as                            | 10.1   | 250         | 60 | —     |
| 3BRSH, 3BR/103, 3BR/510            | 5      | 250         | —  | 1/4   |
|                                    | 10     | 125         | —  | 1/8   |
| 4BR, 4BRSH, 4BR/510                | 5      | 250         | —  | 1/4   |
|                                    | 10     | 125         | —  | 1/8   |
| 382, 383, 385 f/b                  | 15     | 125-250     | 60 | 1/2   |
| 25 /fb/ followed by 10 w/suffixes. |        |             |    |       |
| 382, 383, 385 f/b                  |        |             |    |       |
| 420 to 500 incl.                   |        |             |    |       |
| 382, 383, 385 f/b                  | 10     | 125-250     | 60 | 1/4   |
| 25 /fb/ followed by 5 w/suffixes.  |        |             |    |       |
| 382, 383, 385 f/b                  |        |             |    |       |
| 900 to 950 incl.                   |        |             |    |       |
| 363 f/b                            | 15     | 125-250     | 50 | 1/2hp |
| 120/400 w/suffixes                 |        | 125-250     |    |       |
| *000-500 incl.                     |        |             |    |       |
| 34X/40/75 f/b                      | 10     | 125-250     | 50 |       |
| NO or NC                           | 1/4 hp |             |    |       |
| w/suffixes                         |        |             |    |       |
| 34X/40/120 f/b                     | 16     | 125-250     | 50 |       |
| NO or NC                           | 1/2 hp |             |    |       |
| w/suffixes                         |        |             |    |       |
| 34X/40/350 f/b                     | 16     | 125-250     | 50 |       |
|                                    |        |             |    |       |

|                                    |        |         |      |       |
|------------------------------------|--------|---------|------|-------|
| NO or NC                           | 1/2 hp |         |      |       |
| w/suffixes                         |        |         |      |       |
| 39X/40/120 f/b                     | 16     | 125-250 | 50   |       |
| c/o w/suffixes                     | 1/2 hp |         |      |       |
| 39X/40/350 f/b                     | 20     | 125-250 | 50   |       |
| c/o w/suffixes                     | 1 hp   |         |      |       |
| 39X/40/120 f/b                     | 22     | 125-250 | 50   |       |
| NO or NC                           | 1 hp   |         |      |       |
| w/suffixes                         |        |         |      |       |
| 39X/40/350 f/b                     | 22     | 125-250 | 50   |       |
| NO or NC                           | 1 hp   |         |      |       |
| w/suffixes                         |        |         |      |       |
| 38X /fb/ followed by 761-780 incl. | 3      | 125/250 | 60   |       |
| 385781-385799 incl.                |        |         |      |       |
| w/suffixes                         |        |         |      |       |
| 38X/120/14 w/wo                    | 6      | 250     | 60   | —     |
| suffixes 38 f/b                    |        |         |      |       |
| 541 to 570 incl.                   |        |         |      |       |
| 385 /fb/ followed by 571-599 incl. |        |         |      |       |
| 291,292,293 f/b                    | 2      | 250     | 60   | —     |
| 20 /fb/ followed by 60 w/suffixes  |        |         |      |       |
| 291,292,293 f/b                    |        |         |      |       |
| 250 to 500 incl.                   |        |         |      |       |
| 291,292,293 f/b                    | 6      | 250     | 60   | —     |
| 20 /fb/ followed by 150 w/suffixes |        |         |      |       |
| 291,292,293 f/b                    |        |         |      |       |
| 000 to 249 incl.                   |        |         |      |       |
| 4 f/b 0, 1, 4, 9,                  | 5      | 250     | 60   | —     |
| f/b 0, 2, 4, 6-8,                  |        |         |      |       |
| f/b 0-5 w/wo suffixes;             |        |         |      |       |
| 5 f/b 0, 1,                        |        |         |      |       |
| f/b 0, 2, 4, 6-8, f/b 0-4          |        |         |      |       |
| w/wo suffixes                      |        |         |      |       |
| 5 f/b 0-4, f/b 1, 3-8,             | See    | Rating  | Code | Below |
| f/b 0-2, f/b 00-99 w/wo suffixes;  |        |         |      |       |
|                                    |        |         |      |       |

|  |     |            |       |       |
|--|-----|------------|-------|-------|
| 59356 f/b 0-7 w/wo suffixes                                  |     |            |       |       |
|  | See | Rating     | Codes | Below |
| Rating Codes:  |     |            |       |       |
| 5 f/b 0-4, f/b 1, 3-8,<br>f/b 0-2, f/b 00-99                 | 5   | 250        | 60    | —     |
| 34X/120/350 f/b 34X<br>f/b 701-800 No or<br>NC w/wo suffixes | 12A | 125-250Vac | 60    | 1/2   |

aa = w/wo pref G and/or S, w/wo GP, Y, Y1, YR, YR1 w/wo 363, 547, 550-556, 558, 559, 664, 725, 1202, Q1, Q2, Q3, QR1, QR2.

ab = w/wo suff T, w/wo suff -UL.

ac = w/wo pref Gm, w/wo pref. S.

ad = w/wo pref C. w/wo pref G.

ae = w/wo 1, 3, 4, 5.

af = w/wo Y, Y1, YR, YR1.

ag = w/wo suff 1097.

ah = w/wo D, D2, K, K2, KR, KR1, L, L2, L2R, M, ME, ME3, MR, MR2, MR3, Q, QR, QR2, S, W, W2, WE, WE2, WR, WR2, w/wo suff 481, 484, 535, 660, 703, 726-728, 730, 1197, w/wo A2, w/wo Ca, CQ1, CQ2, CQR2, CQ1T, w/wo suff J after 1st C in basic number.

ai = f/b suff 6, 7, C6, C7.

aj = w suff C, CHM, HM, K w/wo suff GP.

ak = w/wo suff Y1, YR1, GP.

al = w/wo suff A2, HM, K, KR, 845.

am = w/wo suff A2, HM, 845.

ao = w/wo suff Y1, Y2, Y3, YC, YR, YR1, GP.

ap = w/wo suff Y1, Y2, Y3, YC, YR1, GP.


aq = w/wo E w/wo /3299, T6, T7, T8, T81, T82, T83, T9 w/wo C2, C4, w/wo suff.

ar = w/wo E w/wo /3299, C2, C4, w/wo suff.

as = w/wo pref. A, w/wo pref 2, w. suff. 1,2,3,4 or 5 w/wo AU w. T1, T2, T3, T4, T5 or T6 w. R or P w. C2, C4, w. A1, A2, A3, A4, B1, B2, B3, B4, w D or P w/wo T1, T3, T4, T5, T6, T8 w/wo Q1, Q2, Q3, QR1, QR2 w/wo UL, w/wo 3 digit suff.

at = f/b 0, 01, 02, 1, -1, B7, B12, BGK, D2, G, GH, GK, K, KZ, N, R165, RK, RKG, or RKBG, ww/o 26, 28, 32, 35, 48, 56, 63 or 152, ww/o X or T.

Marking: Company name or "TOK", "SAIA" or "BURGESS" and either electrical rating or catalog number (or both) marked on switch. When electrical rating or catalog number (one or the other) is not marked on switch, it is indicated on the shipping container.

UL Recognized Component Mark  is on the switch or smallest shipping container. When the Mark is not on the switch, the company name and catalog number appear with Mark on the container.

| Cat. No.                     | Temp C | POL/THR | Per Pole | Endurance | SPCOA |   |
|------------------------------|--------|---------|----------|-----------|-------|---|
| V3 aa ab ag, V3/697 ab ac ag |        | 1/1,2   | —        | 6K        | —     |   |
| V39ULS ab ac ag              |        | 1/1,2   | —        | 100K      | —     |   |
| AV3T aa ab ae ag             |        | 1/1,2   | —        | 6K        | —     |   |
| 2V3CMS w/wo NA               |        | 2/2     | —        | 6K        | —     |   |
| f/b LH,RH and                |        |         |          |           |       |   |
| 2V3HM6S w/wo                 |        |         |          |           |       |   |
| A,LR,RA all ab               |        |         |          |           |       |   |
| ad ag                        |        |         |          |           |       |   |
| Cat. No.                     | Temp C | POL/THR | Per Pole | Endurance | SPCOA |   |
| V4D f/b T6 thru T9,          | 65     | 1/2,2   | —        | 6K        | —     |   |
| T11 or T81 thru              |        |         |          |           |       |   |
| T86, w/wo C2                 |        |         |          |           |       |   |
| or C4 f/b Y, Y1              |        |         |          |           |       |   |
| thru Y3, YC, YR1,            |        |         |          |           |       |   |
| A, A1 thru A3,               |        |         |          |           |       |   |
| AC1 or AR1 w/wo GP           |        |         |          |           |       |   |
| f/b XXXX                     |        |         |          |           |       |   |
| 2V3T,A2V3T ab                |        |         | 2/2      | —         | 6K    | — |
| ad ae ag and                 |        |         |          |           |       |   |
| 2V3Q1T                       |        |         |          |           |       |   |
| Cat. No.                     | Temp C | POL/THR | Per Pole | Endurance | SPCOA |   |
| MV-3HM6S aa ab ag            | 65     | 1/1,2   | —        | 6K        | —     |   |
| 2VC f/b FT,SPT               |        | 2/2     | —        | 6K        | —     |   |
| w/wo pref A ae               |        |         |          |           |       |   |
| ag and AVCSPT                |        |         |          |           |       |   |
| ae ag                        |        |         |          |           |       |   |
| V32 aa ag                    |        |         | 1/1,2    | —         | 6K    | — |
| VBSP/1633 ac ag;             |        | 1/1,2   | —        | 6K        | —     |   |

| VTSJ/1920 aa ag |        |         |          |           |           |       |
|-----------------|--------|---------|----------|-----------|-----------|-------|
| Cat. No.        | Temp C | POL/THR | Per Pole | Endurance | SPCOA     |       |
| VB f/b F,FJ,FK, |        | 1/1,2   | —        | 6K        | —         |       |
| S,SJ,SP,F2,     |        |         |          |           |           |       |
| F2/1974,FJ2,    |        |         |          |           |           |       |
| FK2,S2,SJ2,     |        |         |          |           |           |       |
| SP2 aa ag       |        |         |          |           |           |       |
| VB f/b FJ9,     |        | 1/1,2   | —        | 6K        | —         |       |
| FJ/1788,SJ9 ag  |        |         |          |           |           |       |
| VB f/b F929,    |        | 1/1,2   | —        | 6K        | —         |       |
| F1070,FY/1338,  |        |         |          |           |           |       |
| FY1/1340,F9,    |        |         |          |           |           |       |
| F/1633 ac ag    |        |         |          |           |           |       |
| Cat. No.        |        | Temp C  | POL/THR  | Per Pole  | Endurance | SPCOA |
| VC f/b F,FJ,FK, |        | 1/1,2   | —        | 6K        | —         |       |
| S,SJ,SP,F2,     |        |         |          |           |           |       |
| FJ2,FJ9,FK2,    |        |         |          |           |           |       |
| S2,SJ2,SP2      |        |         |          |           |           |       |
| aa ag           |        |         |          |           |           |       |
| VC f/b F929,    |        | 1/1,2   | —        | 6K        | —         |       |
| F/1339,SP/9     |        |         |          |           |           |       |
| ac ag           |        |         |          |           |           |       |
| VCF9 af ag      |        | 1/1,2   | —        | 6K        | —         |       |
| QVC f/b F9D,    |        | 1/1,2   | —        | 6K        | —         |       |
| F9P ae ag       |        |         |          |           |           |       |
| Cat. No.        |        | Temp C  | POL/THR  | Per Pole  | Endurance | SPCOA |
| VT f/b F,FJ,FK, |        | 1/1,2   | —        | 6K        | —         |       |
| S,SJ,SP,F2,     |        |         |          |           |           |       |
| FJ2,FK2,S2,     |        |         |          |           |           |       |
| SJ2,SP2 aa ag   |        |         |          |           |           |       |
| VT f/b SPY/929  |        | 1/1,2   | —        | 6K        | —         |       |
| SP9Y ac ag      |        |         |          |           |           |       |
| VTF9 ab af ag   |        | 1/1,2   | —        | 6K        | —         |       |
| V39 ac ag       |        | 1/1,2   | —        | 100K      | —         |       |
| VBF9/1633 af    |        | 65      | 1/1      | —         | 6K        | —     |

| Cat. No.        | Temp C  | POL/THR | Per Pole | Endurance | SPCOA      |
|-----------------|---------|---------|----------|-----------|------------|
| V39ULS ac ag    |         | 1/1,2   | —        | 100K      | —          |
| V4 f/b T1-T5    |         | 1/1,2   | —        | 6K        | —          |
| w/wo pref S     |         |         |          |           |            |
| w/wo suff no.   |         |         |          |           |            |
| w/wo suff GP    |         |         |          |           |            |
| V24T7T w/wo     |         | 2/2     | —        | 6K        | —          |
| /1453 w/wo      |         |         |          |           |            |
| pref A ae ag    |         |         |          |           |            |
| M2V3HM6SF       |         | 1/1,2   | —        | 6K        | —          |
| Cat. No.        | Temp C  | POL/THR | Per Pole | Endurance | SPCOA      |
| CR,CT f/b 1,2,7 | (65 for | 1/2     | —        | 6K        | —          |
| ah; 4CRQR;      | Suffix  |         |          |           | See Note 1 |
| CRQRMB ai       | 1630)   |         |          |           |            |
| CT2ULS ah       | (65 for | 1/2     | —        | 100K      | —          |
|                 | suffix  |         |          |           |            |
|                 | 1630)   |         |          |           |            |
| CR f/b LNA-RH,  |         | 1/2     | —        | 6K        | —          |
| LN-LH w suff    |         |         |          |           |            |
| w/wo pref C     |         |         |          |           |            |

Note 1: This special condition of acceptability applies only to Catalog No. 4CRQR. The spacing between any terminal and the metal switch enclosure has been judged in accordance with the standard for Special Use Switches (UL 1054). However, the spacing requirements between the connection when installed on the terminal and the metal switch enclosure shall comply with the end-use standard spacings.

| Cat. No.          | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|-------------------|--------|---------|----------|-----------|-------|
| CT f/b HMS,HMSA,  |        | 1/2     | —        | 6K        | —     |
| HMSNA,HQRMS w     |        |         |          |           |       |
| RH,LH w/wo pref   |        |         |          |           |       |
| C and CTHME3-MSI, |        |         |          |           |       |
| C-CTHME3-M,       |        |         |          |           |       |
| C-CTHME3-1        |        |         |          |           |       |
| all w/wo 626,700; |        |         |          |           |       |
| CTQ f/b MB,       |        |         |          |           |       |
| MBA,MS,MSA,       |        |         |          |           |       |
| RMB,RMS,R2MB,     |        |         |          |           |       |
| R2MS ai;          |        |         |          |           |       |

|                |
|----------------|
| C9CTQMS        |
| w/wo A;        |
| 9CTQMSF w/wo 2 |
| w/wo pref C,M  |

| Cat. No.     | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|--------------|--------|---------|----------|-----------|-------|
| CT2/2253     |        | 1/2     | —        | 6K        | —     |
| C6R06 w/wo S |        | 1/2     | —        | 6K        | —     |

| Cat. No.   | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|--|--------|---------|----------|-----------|-------|
| V9 w/wo suff L,  | 65     | 1/2     | —        | 6K        | —     |
| LE,LR w/wo<br>pref G w/wo<br>suff GP and<br>V13 w suff H,HL,<br>HLE,HLR,HM,<br>HMR,L,LE,LR,M,<br>MR w/wo suff GP |        |         |          |           |       |
| V12 aj   | 65     | 1/2     | —        | 6K        | —     |
| V121,V122 aj   | 65     | 1/1     | —        | 6K        | —     |
| V12KULS w/wo GP<br>and TPS1  | 65     | 1/1,2   | —        | 100K      | —     |

| Cat. No.   | Temp C         | POL/THR | Per Pole | Endurance | SPCOA |
|--|----------------|---------|----------|-----------|-------|
| V4T f/b 6,7,8,9,10,  | (65 for        | 1/2     | —        | 6K        | —     |
| 7-OK,7-XC,   | Suffix         |         |          |           |       |
| 7-XD,7-XK,   | AD w/prefix    |         |          |           |       |
| 8-CL, w/wo<br>prefix S, V4T6 f/b   | S for<br>150c) |         |          |           |       |
| Y1/1230,<br>Y/1354,1/1269,<br>Y1/1430 w/wo<br>suff GP,1494,<br>2459,AD,<br>w/wo prefix S |                |         |          |           |       |

| Cat. No.                    | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|-----------------------------|--------|---------|----------|-----------|-------|
| V42T f/b 6,7,8,<br>9,9/1522 |        | 1/2     | —        | 6K        | —     |

|                        |    |     |   |    |   |
|------------------------|----|-----|---|----|---|
| w/wo prefix S and      |    |     |   |    |   |
| V242T f/b              |    |     |   |    |   |
| 6,7,8,9 w/wo           |    |     |   |    |   |
| Y1,YR1 w/wo BC         |    |     |   |    |   |
| w/wo prefix S          |    |     |   |    |   |
| V3S w/wo suff T,       | 90 | 1/2 | — | 6K | — |
| w/wo suff 8,9,10,/2359 |    |     |   |    |   |
| CV4S f/b suff          |    | 1/2 | — | 6K | — |
| 8-10,/2726             |    |     |   |    |   |
| w 22 AWG wire          |    |     |   |    |   |

| Cat. No.            | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|---------------------|--------|---------|----------|-----------|-------|
| Above CV4S Series   |        | 1/2     | —        | 6K        | —     |
| w 18 AWG wire       |        |         |          |           |       |
| CV4S-ZEN            |        | 1/2     | —        | 6K        | —     |
| V24T f/b 6-9        |        | 1/2     | —        | 6K        | —     |
| w/wo Y1,YR1         |        |         |          |           |       |
| w/wo BC             |        |         |          |           |       |
| w/wo prefix S       |        |         |          |           |       |
| F1T8 ak;F1T8-Y1-ZEX |        | 1/2     | —        | 6K        | —     |

| Cat. No.                | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|-------------------------|--------|---------|----------|-----------|-------|
| F1T8,F12T8 f/b ULS      |        | 1/2     | —        | 100K      | —     |
| F12T8 ak                |        | 1/2     | —        | 6K        | —     |
| F1NT8,F1NTST8           | 65     | 1/2     | —        | 6K        | —     |
| f/b GP or AU            |        |         |          |           |       |
| F1NST8-FAP              | 65     | 1/2     | —        | 6K        | —     |
| K5 al and               |        | 1/2ckt  | —        | 6K        | —     |
| K5c am                  |        |         |          |           |       |
| K51,K52 al and          |        | 1/1ckt  | —        | 6K        | —     |
| K51C,K52C am            |        |         |          |           |       |
| al=w/wo suff A2, Hm,    |        |         |          |           |       |
| K, KR, Q, T, 845        |        |         |          |           |       |
| am=w/wo suff A2, Hm 845 |        |         |          |           |       |

Note 1 Each circuit may carry up to the rating of the switch.

| Cat. No. | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|----------|--------|---------|----------|-----------|-------|
|          |        |         |          |           |       |



|                      |    |        |   |    |        |
|----------------------|----|--------|---|----|--------|
| M1,M11,M12 w/wo      | 65 | 1/2ckt | — | 6K | See    |
| suff M1A1,M1AR1      |    |        |   |    | Note 1 |
| M2 w/wo suff         | 65 | 1/2ckt | — | 6K | See    |
| M2A1,M2AR1           |    |        |   |    | Note 1 |
| V11 f/b FJ,S         | 65 | 1/2    | — | 6K | —      |
| V112 f/b FJ,S,S/1317 | 65 | 1/2    | — | 6K | —      |

Note 1 Each circuit may carry up to the rating of the switch.

| Cat. No.         | Temp C   | POL/THR | Per Pole   | Endurance | SPCOA |
|------------------|----------|---------|------------|-----------|-------|
| F4T6,F4T7,F4T8,  | 50       | 1/2     | —          | 6K        | —     |
| F5T8 w/wo Y1,YC  |          |         |            |           |       |
| w/wo GP          |          |         |            |           |       |
| w/wo pref U      |          |         |            |           |       |
| F4T6,F4T7,F5T8   | 50       | 1/1     | —          | 6K        | —     |
| f/b /2689        |          |         |            |           |       |
| F4T7-ULS         | 50       | 1/1     | —          | 100K      | —     |
| All Recognized   | (Same as | basic   | Cat. Nos.) |           |       |
| Special Use      |          |         |            |           |       |
| Switches cata-   |          |         |            |           |       |
| log numbers w/   |          |         |            |           |       |
| suff 100-9999    |          |         |            |           |       |
| DS 3/1143 w/wo   | 85       | 1,2/2   | —          | 6K        | —     |
| suff Y1,Y2,Y3,   |          |         |            |           |       |
| YC,YR1,GP        |          |         |            |           |       |
| Cat. No.         | Temp C   | POL/THR | Per Pole   | Endurance | SPCOA |
| DS f/b 1,2,3,6   | 85       | 1,2/2   | —          | 6K        | —     |
| w/wo Y1,Y2,Y3,   |          |         |            |           |       |
| YC,YR1,GP        |          |         |            |           |       |
| FK4 f/b T6,T7,T8 | 50       | 1/2     | —          | 6K        | —     |
| w/wo suff Y1,Y2, |          |         |            |           |       |
| Y3,YC,YR1,GP     |          |         |            |           |       |
| V37,VCF7,VCFJ7,  | 50       | 1/2     | —          | 6K        | —     |
| VCSP7 ao         |          |         |            |           |       |
| V372,VCF72,      | 50       | 1/2     | —          | 6K        | —     |
| VCFJ72,VCSP72 ao |          |         |            |           |       |
|                  |          |         |            |           |       |

| Cat. No.          | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|-------------------|--------|---------|----------|-----------|-------|
| L3151,L6151 w     | 50     | 1/2     | —        | 6K        | —     |
| pref C w/wo       |        |         |          |           |       |
| pref B,G,M        |        |         |          |           |       |
| w/wo suff Y1,     |        |         |          |           |       |
| Y2,Y3,YC,YR1,     |        |         |          |           |       |
| GP                |        |         |          |           |       |
| KB5-A2 w/wo       | 65     | 1/1     | —        | 6K        | —     |
| suff K,KR         |        |         |          |           |       |
| before -A2        |        |         |          |           |       |
| w/wo suff T ap/UL |        |         |          |           |       |
| KB5EQ w/wo        |        |         |          |           |       |
| suff R,R2 ap/UL   |        |         |          |           |       |
| KB5F w/wo suff    |        |         |          |           |       |
| K,KR,T ap/UL      |        |         |          |           |       |

| Cat. No.               | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|------------------------|--------|---------|----------|-----------|-------|
| KB5-A2 w/wo            | 65     | 1/1     | —        | 100K      | —     |
| suffix K, KR           |        |         |          |           |       |
| before -A2 w/wo        |        |         |          |           |       |
| suffix T ap/ULS        |        |         |          |           |       |
| KB5EQ w/wo             |        |         |          |           |       |
| suffix R, R2 ap/ULS    |        |         |          |           |       |
| KB5F w/wo              |        |         |          |           |       |
| suffix K, KR, T ap/ULS |        |         |          |           |       |
| S310,S315,SM360        | 65     | 1/1     | —        | 6K        | —     |
| w/wo pref B,C,         |        |         |          |           |       |
| G,M ap                 |        |         |          |           |       |

| Cat. No.        | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|-----------------|--------|---------|----------|-----------|-------|
| BVM f/b F, FJ,  | 65     | 1/1     | —        | 6K        | —     |
| SP, SJ, -A2, Y, |        |         |          |           |       |
| YR, Y1, Y2, Y3, |        |         |          |           |       |
| YR1, GP or TP   |        |         |          |           |       |
| f/b UL          |        |         |          |           |       |
| BVM3 f/b F, FJ, | 65     | 1/1     | —        | 6000      | —     |
| SP, SJ,-A2, Y,  |        |         |          |           |       |
|                 |        |         |          |           |       |

| YR, Y1, Y2, YR1, |        |         |          |           |           |
|------------------|--------|---------|----------|-----------|-----------|
| GP or TP         |        |         |          |           |           |
| f/b UL           |        |         |          |           |           |
| Cat. No.         | Temp C | POL/THR | Per Pole | Endurance | SPCOA     |
| BVM f/b F, FJ,   | 65     | 1/1     | —        | 10000     | —         |
| SP, SJ, -A2, Y,  |        |         |          |           |           |
| YR, Y1, Y2, Y3,  |        |         |          |           |           |
| YR1, GP or TP    |        |         |          |           |           |
| f/b ULS          |        |         |          |           |           |
| BVM3 f/b F, FJ,  | 65     | 1/1     | —        | 10000     | —         |
| SP, SJ, -A2, Y,  |        |         |          |           |           |
| YR, Y1, Y2, Y3,  |        |         |          |           |           |
| YR1, GP or TP    |        |         |          |           |           |
| f/b ULS          |        |         |          |           |           |
| LP2SP ap         | 65     | 1/2     | —        | 6K        | See Notes |
|                  |        |         |          |           | 2,3       |
| LP1SP ap         | 65     | 1/2     | —        | 6K        | See Notes |
|                  |        |         |          |           | 2,3       |
| LPSP ap          | 65     | 1/2     | —        | 6K        | See Notes |
|                  |        |         |          |           | 2,3       |
| LPHSP ap         | 65     | 1/2     | —        | 6K        | See Notes |
|                  |        |         |          |           | 2,3       |

Note 2 The switches are provided with terminals for printed circuit board connection. These terminals have not been investigated. The suitability of these terminals should be determined in the end-use application.

Note 3 The switch terminals have only been investigated for use with copper wire.

| Cat. No.               | Temp C   | POL/THR | Per Pole  | Endurance | SPCOA |
|------------------------|----------|---------|-----------|-----------|-------|
| Any Recognized         | (Same as | Basic   | Cat. No.) |           |       |
| Cat. No. w/            |          |         |           |           |       |
| Y1,Y2,Y3,YC,           |          |         |           |           |       |
| YR1,GP                 |          |         |           |           |       |
| V4N aq                 | 65       | 1/1,2   | —         | 6K        | —     |
| V4N2 aq                | 65       | 1/1,2   | —         | 6K        | —     |
| V4NS ar                | 65       | 1/1,2   | —         | 6K        | —     |
| V4NSE /3299 f/b T6,T7, | 65       | 1/1,2   | —         | 6K        | —     |
| T8,T81,T82,T83,T9 ar   |          |         |           |           |       |

|                        |    |       |   |    |   |
|------------------------|----|-------|---|----|---|
| V4NS f/b E,T6,T7,      | 65 | 1/1,2 | — | 6K | — |
| T8,T81,T82,            |    |       |   |    |   |
| T83,T9 ar              |    |       |   |    |   |
| V4NS-AEN               | 65 | 1/1,2 | — | 6K | — |
| V4Naq-AUX, V4N2aq-AUX, | 65 | 1/1,2 | — | 6K | — |
| V4NSaq-AUX             |    |       |   |    |   |

| Cat. No.          | Temp C | POL/THR | Per Pole | Endurance | SPCOA |
|-------------------|--------|---------|----------|-----------|-------|
| K2 f/b 1 f/b      | 65     | 1,2/M   | PP       | 6K        | —     |
| 1,2 f/b 1,2       |        |         |          |           |       |
| f/b 00,01,10,11   |        |         |          |           |       |
| P2 f/b 1,2,3,4,5, | 65     | 1,2/M   | PP       | 6K        | —     |
| 6 f/b 1,2 f/b 1,2 |        |         |          |           |       |
| f/b 00,01,10,11   |        |         |          |           |       |
| P5 f/b 1,2,3,4,   | 130    | 1,2/M   | PP       | 6K        | —     |
| 5,6,7,8,9,10 f/b  |        |         |          |           |       |
| 1,2 f/b 1,2 f/b   |        |         |          |           |       |
| 00,01,10,11       |        |         |          |           |       |
| X-4 Series with   | 90     | 1/1,2   | PP       | 6K        | —     |
| suffix A or       |        |         |          |           |       |
| B or C or D       |        |         |          |           |       |
| f/b suffixes      |        |         |          |           |       |

| Cat. No.         | Temp C | POL/THR | Per Pole | Endurance | SPCOA      |
|------------------|--------|---------|----------|-----------|------------|
| XKA22            | 130    | 1/1     | —        | 6K        | —          |
| X3M f/b suffixes | 130    | 1/2     | —        | 6K        | A1(1)      |
| f/b A, f/b       |        |         |          |           | SEE NOTE 1 |
| additional       |        |         |          |           |            |
| suffixes         |        |         |          |           |            |
| X3M f/b suffixes | 130    | 1/2     | —        | 6K        | —          |
| f/b K, f/b       |        |         |          |           |            |
| additional       |        |         |          |           |            |
| suffixes         |        |         |          |           |            |
| X3M f/b suffixes | 130    | 1/2     | —        | 6K        | —          |
| f/b L, f/b       |        |         |          |           |            |
| additional       |        |         |          |           |            |
| suffixes         |        |         |          |           |            |

|            |     |       |   |    |   |
|------------|-----|-------|---|----|---|
| XF, XFA aa | 130 | 1/1,2 | — | 6K | — |
|------------|-----|-------|---|----|---|

Note 1 Cat. No. X3M f/b suffixes, f/b A, f/b additional suffixes have been subjected to a 100K cycle endurance test at 15A, 250Vac.

| Cat. No.   | Temp C | POL/THR | Per Pole | Endurance              | SPCOA       |
|--|--------|---------|----------|------------------------|-------------|
| XF f/B, E aa   | 130    | 1/1,2   | —        | 6K                     | —           |
| XFC aa   | 130    | 1/1,2   | —        | 6K                     | —           |
| XFK aa   | 130    | 1/1,2   | —        | 6K                     | —           |
| XFD aa   | 130    | 1/1,2   | —        | 6K                     | —           |
| aa=2, 3, 4, 5,<br>7, 9, 10, 11, w/wo<br>suff w/wo -81, -82,<br>-83 w/wo suff |        |         |          |                        |             |
| Cat. No.   | Temp C | POL/THR | Per Pole | Endurance              | SPCOA       |
| XO w/wo 4,5<br>f/b 1-3 or 6<br>w/wo suffixes                                 | 105    | 1/1,2   | —        | 6K                     | 6(12,14,16) |
| XOH w/wo 4,5<br>f/b 1-3 or 6<br>w/wo suffixes                                | 105    | 1/1,2   | —        | 6K                     | 6(12,14,16) |
| XP f/b 2,42<br>S42, w/wo 81<br>w/wp E1,E2 or<br>XP52 w/wo 81,<br>w/wo E2 aj  | 130    | 1/1,2   | —        | 6K                     | —           |
| XP52 w/wo 81,<br>f/b E1 aj   | 130    | 1/1,2   | —        | 100K                   | —           |
| XP w/ww 4,<br>5, S4,f/b<br>2A w/wo 81,<br>w/wo E1, E2 aj                     | 130    | 1/1,2   | —        | 100K                   | —           |
| XS f/b C,  | 85     | 1/1,2   | —        | 6K                     | —           |
| XTD f/b 22,<br>29, 92, w/wo<br>1, w/wo<br>suffixes                           | 90     | 2/1     | —        | 6K                     | —           |
|  |        |         |          | (100K<br>for<br>suffix |             |

|                          |      |       |    |        |   |
|--------------------------|------|-------|----|--------|---|
|                          |      |       |    | A)     |   |
| XTD f/b                  | 90   | 2/1   | —  | 6K     | — |
| 26,27,62,                |      |       |    | (100K  |   |
| 66,69,72,                |      |       |    | for    |   |
| 77,79,96,                |      |       |    | suffix |   |
| 97,w/wo A                |      |       |    | A)     |   |
| w/wo suffixes            |      |       |    |        |   |
| PN4 f/b 0, 01, 02, 1, -1 | 85   | 1/2   | PP | 6K     | — |
| B7, B12, BGK, D2, G,     |      |       |    |        |   |
| GH, GK, K, KZ, N,        |      |       |    |        |   |
| R165, RK, RKG            |      |       |    |        |   |
| or RKBG, ww/o 26,        |      |       |    |        |   |
| 28, 32, 35, 48, 56, 63   |      |       |    |        |   |
| or 152, ww/o X or T      |      |       |    |        |   |
| PN4 at                   | 85   | 1/2   | PP | 6K     | — |
| V9N ww/o L,LR,LR1,       | 50°C | SPDT  | PP | 6000   | — |
| LE,M,ML,                 |      |       |    |        |   |
| MR,MLR ww/o              |      |       |    |        |   |
| 3 or 4 digit number.     |      |       |    |        |   |
| V9B ww/o L,LR,LR1,       | 50°C | SPST  | PP | 6000   | — |
| LE,M,ML,                 |      |       |    |        |   |
| MR,MLR ww/o              |      |       |    |        |   |
| 3 or 4 digit number.     |      |       |    |        |   |
| G3M1 as                  | 65   | 1/2   | —  | 6K     | 9 |
| G3M2 as                  | 65   | 1/2   | —  | 6K     | 9 |
| G3M3 as                  | 65   | 1/2   | —  | 6K     | 9 |
| G3M4 as                  | 65   | 1/2   | —  | 6K     | 9 |
| G3M2AU as                | 65   | 1/2   | —  | 6K     | — |
| G3M4AU as                | 65   | 1/2   | —  | 6K     | — |
| G3G3 as                  | 65   | 1/2   | —  | 6K     | 9 |
| G3G4 as                  | 65   | 1/2   | —  | 6K     | 9 |
| 3BRSH, 3BR/103, 3BR/510  | 65   | 1/1   | PP | 6K     |   |
| 4BR, 4BRSH, 4BR/510      | 65   | 1/1   | PP | 6K     |   |
| 382, 383, 385 f/b        | 85   | 1/1,2 | —  | 6K     | — |
| 25 f/b 10 w/suffixes.    |      |       |    |        |   |
|                          |      |       |    |        |   |

|                       |    |       |   |    |     |
|-----------------------|----|-------|---|----|-----|
| 382, 383, 385 f/b     |    |       |   |    |     |
| 420 to 500 incl.      |    |       |   |    |     |
| 382, 383, 385 f/b     | 85 | 1/1,2 | — | 6K | —   |
| 25 f/b 5 w/suffixes.  |    |       |   |    |     |
| 382, 383, 385 f/b     |    |       |   |    |     |
| 900 to 950 incl.      |    |       |   |    |     |
| 363 f/b               | 85 | 1/1   | — | 6K | —   |
| 120/400 w/suffixes    |    |       |   |    |     |
| *000-500 incl.        |    |       |   |    |     |
| 34X/40/75 f/b         | 85 | 1/1   | — | 6K |     |
| NO or NC              |    |       |   |    |     |
| w/suffixes            |    |       |   |    |     |
| 34X/40/120 f/b        | 85 | 1/1   | — | 6K |     |
| NO or NC              |    |       |   |    |     |
| w/suffixes            |    |       |   |    |     |
| 34X/40/350 f/b        | 85 | 1/1   | — | 6K |     |
| NO or NC              |    |       |   |    |     |
| w/suffixes            |    |       |   |    |     |
| 39X/40/120 f/b        | 85 | 1/1,2 | — | 6K |     |
| C/O w/suffixes        |    |       |   |    |     |
| 39X/40/350 f/b        | 85 | 1/1,2 | — | 6K |     |
| C/O w/suffixes        |    |       |   |    |     |
| 39X/40/120 f/b        | 85 | 1/1   | — | 6K |     |
| NO or NC              |    |       |   |    |     |
| w/suffixes            |    |       |   |    |     |
| 39X/40/350 f/b        | 85 | 1/1   | — | 6K |     |
| NO or NC              |    |       |   |    |     |
| w/suffixes            |    |       |   |    |     |
| 38X f/b 761-780 incl. | 85 | 1/1,2 | — | 6K | —   |
| 385781-385799 incl.   |    |       |   |    |     |
| w/suffixes            |    |       |   |    |     |
| 38X/120/14 w/wo       | 85 | 1/1,2 | — | 6K | 2,3 |
| suffixes, f/b         |    |       |   |    |     |
| 541 to 570 incl.      |    |       |   |    |     |
| f/b 571-599 incl.     |    |       |   |    |     |
|                       |    |       |   |    |     |

|                                   |    |         |    |    |   |
|-----------------------------------|----|---------|----|----|---|
| 291,292,293 f/b                   | 85 | 1/1,2   | —  | 6K | — |
| 20 f/b 60 w/suffixes              |    |         |    |    |   |
| 291,292,293 f/b                   |    |         |    |    |   |
| 250 to 500 incl.                  |    |         |    |    |   |
| 291,292,293 f/b                   | 85 | 1/1,2   | —  | 6K | — |
| 20 f/b 150 w/suffixes             |    |         |    |    |   |
| 291,292,293 f/b                   |    |         |    |    |   |
| 000 to 249 incl.                  |    |         |    |    |   |
| 4 f/b 0, 1, 4, 9,                 | 65 | M/      | —  | 6K | — |
| f/b 0, 2, 4, 6-8,                 |    | 1 or 2  |    |    |   |
| f/b 0-5 w/wo suffixes;            |    |         |    |    |   |
| 5 f/b 0, 1,                       |    |         |    |    |   |
| f/b 0, 2, 4, 6-8, f/b 0-4         |    |         |    |    |   |
| w/wo suffixes                     |    |         |    |    |   |
| 5 f/b 0-4, f/b 1, 3-8,            | 65 | 1,2/    | P  | 6K | — |
| f/b 0-2, f/b 00-99,               |    | 1, 2    |    |    |   |
| Rating Codes:                     |    |         |    |    |   |
| 5 f/b 0-4, f/b 1, 3-8,            | 65 | 1,2/1,2 | PP | 6K | — |
| f/b 0-2, f/b 00-99 w/wo suffixes; |    |         |    |    |   |
| 59356 f/b 0-7 w/wo suffixes       |    |         |    |    |   |
| 34X/120/350 f/b 34X               | 85 | 1/1,2   | —  | 6K | — |
| f/b 701-800 No                    |    |         |    |    |   |
| or NC w/wo suffixes               |    |         |    |    |   |

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