

**ALL ITEM LIST DC9100**

The following list describes all the items available in Citect trough the Supervisory Serial Link and the Local Serial Link.

| Item | Citect<br>Data Type | Citect<br>Address | Item<br>Type | R/W | Johnson<br>Tag | Description                       |
|------|---------------------|-------------------|--------------|-----|----------------|-----------------------------------|
| 0    | BYTE                | SIB0              | N1           | R   | MODL           | Device Model                      |
| 1    | REAL                | SIN1              | N            | R   | INP1           | Analog Input 1                    |
| 2    | REAL                | SIN2              | N            | R   | INP2           | Analog Input 2                    |
| 3    | REAL                | SIN3              | N            | R   | INP3           | Analog Input 3                    |
| 4    | REAL                | SIN4              | N            | R   | INP4           | Analog Input 4                    |
| 5    | REAL                | SIN5              | N            | R   | INP5           | Analog Input 5                    |
| 6    | REAL                | SIN6              | N            | R   | INP6           | Analog Input 6                    |
| 7    | REAL                | SIN7              | N            | R   | INP7           | Analog Input 7                    |
| 8    | REAL                | SIN8              | N            | R   | INP8           | Analog Input 8                    |
| 9    | REAL                | SIN9              | N            | R   | NCM1           | Numeric Calculation Module Result |
| A    | REAL                | SINA              | N            | R   | NCM2           | Numeric Calculation Module Result |
| B    | REAL                | SINB              | N            | R   | NCM3           | Numeric Calculation Module Result |
| C    | REAL                | SINC              | N            | R   | NMC4           | Numeric Calculation Module Result |
| D    | REAL                | SIND              | N            | W   | REC1           | Remote Constant 1                 |
| E    | REAL                | SINE              | N            | W   | REC2           | Remote Constant 2                 |
| F    | REAL                | SINF              | N            | W   | REC3           | Remote Constant 3                 |
| 10   | REAL                | SIN10             | N            | W   | REC4           | Remote Constant 4                 |
| 11   | REAL                | SIN11             | N            | W   | OUT1           | Control Output 1                  |
| 12   | REAL                | SIN12             | N            | W   | OUT2           | Control Output 2                  |
| 13   | REAL                | SIN13             | N            | W   | OUT3           | Control Output 3                  |
| 14   | REAL                | SIN14             | N            | W   | OUT4           | Control Output 4                  |
| 15   | REAL                | SIN15             | N            | W   | OUT5           | Control Output 5                  |
| 16   | REAL                | SIN16             | N            | W   | OUT6           | Control Output 6                  |
| 17   | REAL                | SIN17             | N            | W   | OUT7           | Control Output 7                  |
| 18   | REAL                | SIN18             | N            | W   | OUT8           | Control Output 8                  |
| 19   | REAL                | SIN19             | N            | W   | WSP1           | Working Set Point 1               |
| 1A   | REAL                | SIN1A             | N            | W   | WSP2           | Working Set Point 2               |
| 1B   | REAL                | SIN1B             | N            | W   | WSP3           | Working Set Point 3               |
| 1C   | REAL                | SIN1C             | N            | W   | WSP4           | Working Set Point 4               |
| 1D   | REAL                | SIN1D             | N            | W   | WSP5           | Working Set Point 5               |
| 1E   | REAL                | SIN1E             | N            | W   | WSP6           | Working Set Point 6               |
| 1F   | REAL                | SIN1F             | N            | W   | WSP7           | Working Set Point 7               |
| 20   | REAL                | SIN20             | N            | W   | WSP8           | Working Set Point 8               |
| 21   | UINT                | SIW21             | S1           | R   | STW1           | Status Word 1                     |
|      | DIGITAL             | SIW21.1           | S1(1)        | R   |                | Logic Input 1 Active              |
|      | DIGITAL             | SIW21.2           | S1(2)        | R   |                | Logic Input 2 Active              |
|      | DIGITAL             | SIW21.3           | S1(3)        | R   |                | Logic Input 3 Active              |
|      | DIGITAL             | SIW21.4           | S1(4)        | R   |                | Logic Input 4 Active              |
|      | DIGITAL             | SIW21.5           | S1(5)        | R   |                | Logic Input 5 Active              |
|      | DIGITAL             | SIW21.6           | S1(6)        | R   |                | Logic Input 6 Active              |
|      | DIGITAL             | SIW21.7           | S1(7)        | R   |                | Logic Input 7 Active              |
|      | DIGITAL             | SIW21.8           | S1(8)        | R   |                | Logic Input 8 Active              |

**Beijer Electronics AB**

Box 426

S-201 24 Malmö

Phone +46 40 358600

Telefax +46 40 932301

[www.beijer.se](http://www.beijer.se)

| Item | Citect<br>Data Type | Citect<br>Address | Item<br>Type | R/W | Johnson<br>Tag | Description                            |
|------|---------------------|-------------------|--------------|-----|----------------|----------------------------------------|
|      | DIGITAL             | SIW21.9           | S1(9)        | R   |                | LCM 1 Result                           |
|      | DIGITAL             | SIW21.10          | S1(10)       | R   |                | LCM 2 Result                           |
|      | DIGITAL             | SIW21.11          | S1(11)       | R   |                | LCM 3 Result                           |
|      | DIGITAL             | SIW21.12          | S1(12)       | R   |                | LCM 4 Result                           |
|      | DIGITAL             | SIW21.13          | S1(13)       | R   |                | DCO                                    |
|      | DIGITAL             | SIW21.14          | S1(14)       | R   |                |                                        |
|      | DIGITAL             | SIW21.15          | S1(15)       | R   |                |                                        |
|      | DIGITAL             | SIW21.16          | S1(16)       | R   |                |                                        |
| 22   | UINT                | SIW22             | S2           | R   | STW2           | Status Word 2                          |
| 23   | UINT                | SIW23             | S3           | R   | STW3           | Status Word 3                          |
| 24   | UINT                | SIW24             | S4           | R   | STW4           | Status Word 4                          |
| 25   | UINT                | SIW25             | S5           | R   | STW5           | Status Word 5                          |
| 26   | UINT                | SIW26             | S6           | R   | STW6           | Status Word 6                          |
| 27   | UINT                | SIW27             | S7           | R   | STW7           | Status Word 7                          |
| 28   | UINT                | SIW28             | S8           | R   | STW8           | Status Word 8                          |
| 29   | UINT                | SIW29             | H1           | W   | DOU            | Logic Output DDC Control               |
| 2A   | BYTE                | SIB2A             | H2           | W   | CHLD           | Hold Mode Control                      |
| 2B   | BYTE                | SIB2B             | H2           | W   | COMP           | Supervisory Mode Control               |
| 2C   | -                   | -                 | -            | -   | -              | Spare                                  |
| 2D   | -                   | -                 | -            | -   | -              | Spare                                  |
| 2E   | BYTE                | SIB2E             | N1           | W   | PV1@           | Process Variable Connection            |
| 2F   | BYTE                | SIB2F             | N1           | W   | RS1@           | Remote Set Point Connection            |
| 30   | BYTE                | SIB30             | N1           | W   | RV1@           | Reference Variable Connection          |
| 31   | BYTE                | SIB31             | N1           | W   | PB1@           | Proportional Band Connection           |
| 32   | BYTE                | SIB32             | N1           | W   | OF1@           | OFF mode Logic Control Connection      |
| 33   | BYTE                | SIB33             | N1           | W   | SB1@           | STAND-BY mode Logic Control Connection |
| 34   | BYTE                | SIB34             | N1           | W   | RA1@           | Reverse Act. Logic Control Connection  |
| 35   | BYTE                | SIB35             | N1           | W   | EF1@           | Ext. Forcing Logic Control Connection  |
| 36   | BYTE                | SIB36             | H3           | W   | TYPE1          | Controller Type                        |
| 37   | REAL                | SIN37             | N            | W   | LS1            | Local Set Point                        |
| 38   | REAL                | SIN38             | N            | W   | PB1            | Proportional Band                      |
| 39   | REAL                | SIN39             | N            | W   | TI1            | Reset Action                           |
| 3A   | REAL                | SIN3A             | N            | W   | TD1            | Rate Action                            |
| 3B   | REAL                | SIN3B             | N            | W   | HL1            | Upper limit of the control output      |
| 3C   | REAL                | SIN3C             | N            | W   | LL1            | Lower limit of the control output      |
| 3D   | REAL                | SIN3D             | N            | W   | BS1            | Change of set point during Stand-By    |
| 3E   | REAL                | SIN3E             | N            | W   | BO1            | Change of set point during Off         |
| 3F   | REAL                | SIN3F             | N            | W   | AD1            | Deviation Alarm                        |
| 40   | BYTE                | SIB40             | N1           | W   | PV2@           | Process Variable Connection            |
| 41   | BYTE                | SIB41             | N1           | W   | RS2@           | Remote Set Point Connection            |
| 42   | BYTE                | SIB42             | N1           | W   | RV2@           | Reference Variable Connection          |
| 43   | BYTE                | SIB43             | N1           | W   | PB2@           | Proportional Band Connection           |
| 44   | BYTE                | SIB44             | N1           | W   | OF2@           | OFF mode Logic Control Connection      |
| 45   | BYTE                | SIB45             | N1           | W   | SB2@           | STAND-BY mode Logic Control Connection |
| 46   | BYTE                | SIB46             | N1           | W   | RA2@           | Reverse Act. Logic Control Connection  |
| 47   | BYTE                | SIB47             | N1           | W   | EF2@           | Ext. Forcing Logic Control Connection  |
| 48   | BYTE                | SIB48             | H3           | W   | TYPE2          | Controller Type                        |
| 49   | REAL                | SIN49             | N            | W   | LS2            | Local Set Point                        |
| 4A   | REAL                | SIN4A             | N            | W   | PB2            | Proportional Band                      |
| 4B   | REAL                | SIN4B             | N            | W   | TI2            | Reset Action                           |
| 4C   | REAL                | SIN4C             | N            | W   | TD2            | Rate Action                            |
| 4D   | REAL                | SIN4D             | N            | W   | HL2            | Upper limit of the control output      |

| Item | Citect<br>Data Type | Citect<br>Address | Item<br>Type | R/W | Johnson<br>Tag | Description                            |
|------|---------------------|-------------------|--------------|-----|----------------|----------------------------------------|
| 4E   | REAL                | SIN4E             | N            | W   | LL2            | Lower limit of the control output      |
| 4F   | REAL                | SIN4F             | N            | W   | BS2            | Change of set point during Stand-By    |
| 50   | REAL                | SIN50             | N            | W   | BO2            | Change of set point during Off         |
| 51   | REAL                | SIN51             | N            | W   | AD2            | Deviation Alarm                        |
| 52   | BYTE                | SIB52             | N1           | W   | PV3@           | Process Variable Connection            |
| 53   | BYTE                | SIB53             | N1           | W   | RS3@           | Remote Set Point Connection            |
| 54   | BYTE                | SIB54             | N1           | W   | RV3@           | Reference Variable Connection          |
| 55   | BYTE                | SIB55             | N1           | W   | PB3@           | Proportional Band Connection           |
| 56   | BYTE                | SIB56             | N1           | W   | OF3@           | OFF mode Logic Control Connection      |
| 57   | BYTE                | SIB57             | N1           | W   | SB3@           | STAND-BY mode Logic Control Connection |
| 58   | BYTE                | SIB58             | N1           | W   | RA3@           | Reverse Act. Logic Control Connection  |
| 59   | BYTE                | SIB59             | N1           | W   | EF3@           | Ext. Forcing Logic Control Connection  |
| 5A   | BYTE                | SIB5A             | H3           | W   | TYPE3          | Controller Type                        |
| 5B   | REAL                | SIN5B             | N            | W   | LS3            | Local Set Point                        |
| 5C   | REAL                | SIN5C             | N            | W   | PB3            | Proportional Band                      |
| 5D   | REAL                | SIN5D             | N            | W   | TI3            | Reset Action                           |
| 5E   | REAL                | SIN5E             | N            | W   | TD3            | Rate Action                            |
| 5F   | REAL                | SIN5F             | N            | W   | HL3            | Upper limit of the control output      |
| 60   | REAL                | SIN60             | N            | W   | LL3            | Lower limit of the control output      |
| 61   | REAL                | SIN61             | N            | W   | BS3            | Change of set point during Stand-By    |
| 62   | REAL                | SIN62             | N            | W   | BO3            | Change of set point during Off         |
| 63   | REAL                | SIN63             | N            | W   | AD3            | Deviation Alarm                        |
| 64   | BYTE                | SIB64             | N1           | W   | PV4@           | Process Variable Connection            |
| 65   | BYTE                | SIB65             | N1           | W   | RS4@           | Remote Set Point Connection            |
| 66   | BYTE                | SIB66             | N1           | W   | RV4@           | Reference Variable Connection          |
| 67   | BYTE                | SIB67             | N1           | W   | PB4@           | Proportional Band Connection           |
| 68   | BYTE                | SIB68             | N1           | W   | OF4@           | OFF mode Logic Control Connection      |
| 69   | BYTE                | SIB69             | N1           | W   | SB4@           | STAND-BY mode Logic Control Connection |
| 6A   | BYTE                | SIB6A             | N1           | W   | RA4@           | Reverse Act. Logic Control Connection  |
| 6B   | BYTE                | SIB6B             | N1           | W   | EF4@           | Ext. Forcing Logic Control Connection  |
| 6C   | BYTE                | SIB6C             | H3           | W   | TYPE4          | Controller Type                        |
| 6D   | REAL                | SIN6D             | N            | W   | LS4            | Local Set Point                        |
| 6E   | REAL                | SIN6E             | N            | W   | PB4            | Proportional Band                      |
| 6F   | REAL                | SIN6F             | N            | W   | TI4            | Reset Action                           |
| 70   | REAL                | SIN70             | N            | W   | TD4            | Rate Action                            |
| 71   | REAL                | SIN71             | N            | W   | HL4            | Upper limit of the control output      |
| 72   | REAL                | SIN72             | N            | W   | LL4            | Lower limit of the control output      |
| 73   | REAL                | SIN73             | N            | W   | BS4            | Change of set point during Stand-By    |
| 74   | REAL                | SIN74             | N            | W   | BO4            | Change of set point during Off         |
| 75   | REAL                | SIN75             | N            | W   | AD4            | Deviation Alarm                        |
| 76   | BYTE                | SIB76             | N1           | W   | PV5@           | Process Variable Connection            |
| 77   | BYTE                | SIB77             | N1           | W   | RS5@           | Remote Set Point Connection            |
| 78   | BYTE                | SIB78             | N1           | W   | RV5@           | Reference Variable Connection          |
| 79   | BYTE                | SIB79             | N1           | W   | PB5@           | Proportional Band Connection           |
| 7A   | BYTE                | SIB7A             | N1           | W   | OF5@           | OFF mode Logic Control Connection      |
| 7B   | BYTE                | SIB7B             | N1           | W   | SB5@           | STAND-BY mode Logic Control Connection |
| 7C   | BYTE                | SIB7C             | N1           | W   | RA5@           | Reverse Act. Logic Control Connection  |
| 7D   | BYTE                | SIB7D             | N1           | W   | EF5@           | Ext. Forcing Logic Control Connection  |
| 7E   | BYTE                | SIB7E             | H3           | W   | TYPE5          | Controller Type                        |
| 7F   | REAL                | SIN7F             | N            | W   | LS5            | Local Set Point                        |
| 80   | REAL                | SIN80             | N            | W   | PB5            | Proportional Band                      |
| 81   | REAL                | SIN81             | N            | W   | TI5            | Reset Action                           |

| Item | Citect<br>Data Type | Citect<br>Address | Item<br>Type | R/W | Johnson<br>Tag | Description                            |
|------|---------------------|-------------------|--------------|-----|----------------|----------------------------------------|
| 82   | REAL                | SIN82             | N            | W   | TD5            | Rate Action                            |
| 83   | REAL                | SIN83             | N            | W   | HL5            | Upper limit of the control output      |
| 84   | REAL                | SIN84             | N            | W   | LL5            | Lower limit of the control output      |
| 85   | REAL                | SIN85             | N            | W   | BS5            | Change of set point during Stand-By    |
| 86   | REAL                | SIN86             | N            | W   | BO5            | Change of set point during Off         |
| 87   | REAL                | SIN87             | N            | W   | AD5            | Deviation Alarm                        |
| 88   | BYTE                | SIB88             | N1           | W   | PV6@           | Process Variable Connection            |
| 89   | BYTE                | SIB89             | N1           | W   | RS6@           | Remote Set Point Connection            |
| 8A   | BYTE                | SIB8A             | N1           | W   | RV6@           | Reference Variable Connection          |
| 8B   | BYTE                | SIB8B             | N1           | W   | PB6@           | Proportional Band Connection           |
| 8C   | BYTE                | SIB8C             | N1           | W   | OF6@           | OFF mode Logic Control Connection      |
| 8D   | BYTE                | SIB8D             | N1           | W   | SB6@           | STAND-BY mode Logic Control Connection |
| 8E   | BYTE                | SIB8E             | N1           | W   | RA6@           | Reverse Act. Logic Control Connection  |
| 8F   | BYTE                | SIB8F             | N1           | W   | EF6@           | Ext. Forcing Logic Control Connection  |
| 90   | BYTE                | SIB90             | H3           | W   | TYPE6          | Controller Type                        |
| 91   | REAL                | SIN91             | N            | W   | LS6            | Local Set Point                        |
| 92   | REAL                | SIN92             | N            | W   | PB6            | Proportional Band                      |
| 93   | REAL                | SIN93             | N            | W   | TI6            | Reset Action                           |
| 94   | REAL                | SIN94             | N            | W   | TD6            | Rate Action                            |
| 95   | REAL                | SIN95             | N            | W   | HL6            | Upper limit of the control output      |
| 96   | REAL                | SIN96             | N            | W   | LL6            | Lower limit of the control output      |
| 97   | REAL                | SIN97             | N            | W   | BS6            | Change of set point during Stand-By    |
| 98   | REAL                | SIN98             | N            | W   | BO6            | Change of set point during Off         |
| 99   | REAL                | SIN99             | N            | W   | AD6            | Deviation Alarm                        |
| 9A   | BYTE                | SIB9A             | N1           | W   | PV7@           | Process Variable Connection            |
| 9B   | BYTE                | SIB9B             | N1           | W   | RS7@           | Remote Set Point Connection            |
| 9C   | BYTE                | SIB9C             | N1           | W   | RV7@           | Reference Variable Connection          |
| 9D   | BYTE                | SIB9D             | N1           | W   | PB7@           | Proportional Band Connection           |
| 9E   | BYTE                | SIB9E             | N1           | W   | OF7@           | OFF mode Logic Control Connection      |
| 9F   | BYTE                | SIB9F             | N1           | W   | SB7@           | STAND-BY mode Logic Control Connection |
| A0   | BYTE                | SIBA0             | N1           | W   | RA7@           | Reverse Act. Logic Control Connection  |
| A1   | BYTE                | SIBA1             | N1           | W   | EF7@           | Ext. Forcing Logic Control Connection  |
| A2   | BYTE                | SIBA2             | H3           | W   | TYPE7          | Controller Type                        |
| A3   | REAL                | SINA3             | N            | W   | LS7            | Local Set Point                        |
| A4   | REAL                | SINA4             | N            | W   | PB7            | Proportional Band                      |
| A5   | REAL                | SINA5             | N            | W   | TI7            | Reset Action                           |
| A6   | REAL                | SINA6             | N            | W   | TD7            | Rate Action                            |
| A7   | REAL                | SINA7             | N            | W   | HL7            | Upper limit of the control output      |
| A8   | REAL                | SINA8             | N            | W   | LL7            | Lower limit of the control output      |
| A9   | REAL                | SINA9             | N            | W   | BS7            | Change of set point during Stand-By    |
| AA   | REAL                | SINAA             | N            | W   | BO7            | Change of set point during Off         |
| AB   | REAL                | SINAB             | N            | W   | AD7            | Deviation Alarm                        |
| AC   | BYTE                | SIBAC             | N1           | W   | PV8@           | Process Variable Connection            |
| AD   | BYTE                | SIBAD             | N1           | W   | RS8@           | Remote Set Point Connection            |
| AE   | BYTE                | SIBAE             | N1           | W   | RV8@           | Reference Variable Connection          |
| AF   | BYTE                | SIBAF             | N1           | W   | PB8@           | Proportional Band Connection           |
| B0   | BYTE                | SIBB0             | N1           | W   | OF8@           | OFF mode Logic Control Connection      |
| B1   | BYTE                | SIBB1             | N1           | W   | SB8@           | STAND-BY mode Logic Control Connection |
| B2   | BYTE                | SIBB2             | N1           | W   | RA8@           | Reverse Act. Logic Control Connection  |
| B3   | BYTE                | SIBB3             | N1           | W   | EF8@           | Ext. Forcing Logic Control Connection  |
| B4   | BYTE                | SIBB4             | H3           | W   | TYPE8          | Controller Type                        |
| B5   | REAL                | SINB5             | N            | W   | LS8            | Local Set Point                        |
| B6   | REAL                | SINB6             | N            | W   | PB8            | Proportional Band                      |

| Item | Citect<br>Data Type | Citect<br>Address | Item<br>Type | R/W | Johnson<br>Tag | Description                         |
|------|---------------------|-------------------|--------------|-----|----------------|-------------------------------------|
| B7   | REAL                | SINB7             | N            | W   | TI8            | Reset Action                        |
| B8   | REAL                | SINB8             | N            | W   | TD8            | Rate Action                         |
| B9   | REAL                | SINB9             | N            | W   | HL8            | Upper limit of the control output   |
| BA   | REAL                | SINBA             | N            | W   | LL8            | Lower limit of the control output   |
| BB   | REAL                | SINBB             | N            | W   | BS8            | Change of set point during Stand-By |
| BC   | REAL                | SINBC             | N            | W   | BO8            | Change of set point during Off      |
| BD   | REAL                | SINBD             | N            | W   | AD8            | Deviation Alarm                     |
| BE   | BYTE                | SIBBE             | H4           | W   | IR1            | Range Analog Input 1                |
| BF   | REAL                | SINBF             | N            | W   | HA1            | High Alarm Input 1                  |
| C0   | REAL                | SINC0             | N            | W   | LA1            | Low Alarm Input 1                   |
| C1   | REAL                | SINC1             | N            | W   | FI1            | Filter Time Input 1                 |
| C2   | BYTE                | SIBC2             | H4           | W   | IR2            | Range Analog Input 2                |
| C3   | REAL                | SINC3             | N            | W   | HA2            | High Alarm Input 2                  |
| C4   | REAL                | SINC4             | N            | W   | LA2            | Low Alarm Input 2                   |
| C5   | REAL                | SINC5             | N            | W   | FI2            | Filter Time Input 2                 |
| C6   | BYTE                | SIBC6             | H4           | W   | IR3            | Range Analog Input 3                |
| C7   | REAL                | SINC7             | N            | W   | HA3            | High Alarm Input 3                  |
| C8   | REAL                | SINC8             | N            | W   | LA3            | Low Alarm Input 3                   |
| C9   | REAL                | SINC9             | N            | W   | FI3            | Filter Time Input 3                 |
| CA   | BYTE                | SIBCA             | H4           | W   | IR4            | Range Analog Input 4                |
| CB   | REAL                | SINCB             | N            | W   | HA4            | High Alarm Input 4                  |
| CC   | REAL                | SINCC             | N            | W   | LA4            | Low Alarm Input 4                   |
| CD   | REAL                | SINCD             | N            | W   | FI4            | Filter Time Input 4                 |
| CE   | BYTE                | SIBCE             | H4           | W   | IR5            | Range Analog Input 5                |
| CF   | REAL                | SINCF             | N            | W   | HA5            | High Alarm Input 5                  |
| D0   | REAL                | SIND0             | N            | W   | LA5            | Low Alarm Input 5                   |
| D1   | REAL                | SIND1             | N            | W   | FI5            | Filter Time Input 5                 |
| D2   | BYTE                | SIBD2             | H4           | W   | IR6            | Range Analog Input 6                |
| D3   | REAL                | SIND3             | N            | W   | HA6            | High Alarm Input 6                  |
| D4   | REAL                | SIND4             | N            | W   | LA6            | Low Alarm Input 6                   |
| D5   | REAL                | SIND5             | N            | W   | FI6            | Filter Time Input 6                 |
| D6   | BYTE                | SIBD6             | H4           | W   | IR7            | Range Analog Input 7                |
| D7   | REAL                | SIND7             | N            | W   | HA7            | High Alarm Input 7                  |
| D8   | REAL                | SIND8             | N            | W   | LA7            | Low Alarm Input 7                   |
| D9   | REAL                | SIND9             | N            | W   | FI7            | Filter Time Input 7                 |
| DA   | BYTE                | SIBDA             | H4           | W   | IR8            | Range Analog Input 8                |
| DB   | REAL                | SINDB             | N            | W   | HA8            | High Alarm Input 8                  |
| DC   | REAL                | SINDC             | N            | W   | LA8            | Low Alarm Input 8                   |
| DD   | REAL                | SINDD             | N            | W   | FI8            | Filter Time Input 8                 |
| DD   | REAL                | SINDD             | N            | W   | FI8            | Filter Time Input 8                 |
| DE   | REAL                | SINDE             | N            | W   | OH1            | Output 1 High Range                 |
| DF   | REAL                | SINDF             | N            | W   | OL1            | Output 1 Low Range                  |
| E0   | BYTE                | SIBE0             | N1           | W   | OMS1           | Source of Analog Output Module 1    |
| E1   | REAL                | SINE1             | N            | W   | OH2            | Output 2 High Range                 |
| E2   | REAL                | SINE2             | N            | W   | OL2            | Output 2 Low Range                  |
| E3   | BYTE                | SIBE3             | N1           | W   | OMS2           | Source of Analog Output Module 2    |
| E4   | REAL                | SINE4             | N            | W   | OH3            | Output OUTA1 High Range             |
| E5   | REAL                | SINE5             | N            | W   | OL3            | Output OUTA1 Low Range              |

| Item  | Citect<br>Data Type | Citect<br>Address | Item<br>Type | R/W | Johnson<br>Tag | Description                        |
|-------|---------------------|-------------------|--------------|-----|----------------|------------------------------------|
| E6    | BYTE                | SIBE6             | N1           | W   | OMS3           | Source of Logic Output Module OUTA |
| E7    | BYTE                | SIBE7             | N1           | W   | OMS4           | Source of Logic Output Module OUTB |
| E8    | BYTE                | SIBE8             | H5           | W   | OMTY1          | Output Module Type                 |
| E9    | REAL                | SINE9             | N            | W   | FST1           | PAT/DAT Output 1 Timing            |
| EA    | REAL                | SINEA             | N            | W   | DB1            | Dead Band PAT Output 1             |
| EB    | REAL                | SINEB             | N            | W   | OH5            | Output OUTA2 High Range            |
| EC    | REAL                | SINEC             | N            | W   | OL5            | Output OUTA2 Low Range             |
| ED    | BYTE                | SIBED             | N1           | W   | OMS5           | Source of Logic Output Module OUTA |
| EE    | BYTE                | SIBEE             | N1           | W   | OMS6           | Source of Logic Output Module OUTB |
| EF    | BYTE                | SIBEF             | H5           | W   | OMTY2          | Output Module Type                 |
| F0    | REAL                | SINF0             | N            | W   | FST2           | PAT/DAT Output 2 Timing            |
| F1    | REAL                | SINF1             | N            | W   | DB2            | Dead Band PAT Output 2             |
| F2    | REAL                | SINF2             | N            | W   | OH7            | Output OUTA3 High Range            |
| F3    | REAL                | SINF3             | N            | W   | OL7            | Output OUTA3 Low Range             |
| F4    | BYTE                | SIBF4             | N1           | W   | OMS7           | Source of Logic Output Module OUTA |
| F5    | BYTE                | SIBF5             | N1           | W   | OMS8           | Source of Logic Output Module OUTB |
| F6    | BYTE                | SIBF6             | H5           | W   | OMTY3          | Output Module Type                 |
| F7    | REAL                | SINF7             | N            | W   | FST3           | PAT/DAT Output 3 Timing            |
| F8    | REAL                | SINF8             | N            | W   | DB3            | Dead Band PAT Output 3             |
| F9    | REAL                | SINF9             | N            | W   | SB1            | Symmetry Band Controller Module 5  |
| FA    | REAL                | SINFA             | N            | W   | SB2            | Symmetry Band Controller Module 6  |
| FB    | BYTE                | SIBFB             | N1           | W   | ALDIS          | Alarm disable condition source     |
| FC    | BYTE                | SIBFC             | H6           | W   | RCTY1          | DC type settings                   |
| FD    | BYTE                | SIBFD             | N1           | W   | ALGT           | Standard Algorithm Type            |
| FE    | REAL                | SINFE             | N            | W   | COS1           | Spare Constant                     |
| FF    | REAL                | SINFF             | N            | W   | COS2           | Spare Constant                     |
| P1.0  | REAL                | SIN100            | N            | W   | HR1            | High range analog input 1          |
| P1.1  | REAL                | SIN101            | N            | W   | LR1            | Low range analog input 1           |
| P1.2  | REAL                | SIN102            | N            | W   | HR2            | High range analog input 2          |
| P1.3  | REAL                | SIN103            | N            | W   | LR2            | Low range analog input 2           |
| P1.4  | REAL                | SIN104            | N            | W   | HR3            | High range analog input 3          |
| P1.5  | REAL                | SIN105            | N            | W   | LR3            | Low range analog input 3           |
| P1.6  | REAL                | SIN106            | N            | W   | HR4            | High range analog input 4          |
| P1.7  | REAL                | SIN107            | N            | W   | LR4            | Low range analog input 4           |
| P1.8  | REAL                | SIN108            | N            | W   | HR5            | High range analog input 5          |
| P1.9  | REAL                | SIN109            | N            | W   | LR5            | Low range analog input 5           |
| P1.A  | REAL                | SIN10A            | N            | W   | HR6            | High range analog input 6          |
| P1.B  | REAL                | SIN10B            | N            | W   | LR6            | Low range analog input 6           |
| P1.C  | REAL                | SIN10C            | N            | W   | HR7            | High range analog input 7          |
| P1.D  | REAL                | SIN10D            | N            | W   | LR7            | Low range analog input 7           |
| P1.E  | REAL                | SIN10E            | N            | W   | HR8            | High range analog input 8          |
| P1.F  | REAL                | SIN10F            | N            | W   | LR8            | Low range analog input 8           |
| P1.10 | REAL                | SIN110            | N            | W   | OM%1           | Output % Output module 1           |
| P1.11 | REAL                | SIN111            | N            | W   | OM%2           | Output % Output module 2           |
| P1.12 | REAL                | SIN112            | N            | W   | OM%3           | Output % Output module 3           |
| P1.13 | REAL                | SIN113            | N            | W   | OM%4           | Output % Output module 4           |
| P1.14 | REAL                | SIN114            | N            | W   | OM%5           | Output % Output module 5           |
| P1.15 | REAL                | SIN115            | N            | W   | OM%6           | Output % Output module 6           |
| P1.16 | REAL                | SIN116            | N            | W   | OM%7           | Output % Output module 7           |
| P1.17 | REAL                | SIN117            | N            | W   | OM%8           | Output % Output module 8           |