Write Command Lists

K3NX

Command	Code	Type	Starting write address	Filler	Number of elements	Write data
HH set value write	“0102”	“C0”	“0004”	“00”	“0001”	“F0019999” to “00099999”
H set value write			“0005”			
L set value write			“0006”			
LL set value write			“0007”			
Input range	“0202”	“8000”	“0000”		“8001”	“0000”: A “0001”: B “0002”: C “0003”: D “0004”: E
Decimal point position			“0001”			“0000”: □□□□□ “0001”: □□□□.□ “0002”: □□□.□□ “0003”: □□.□□□ “0004”: □.□□□□
Average processing			“0002”			“0000”: No averaging “0001”: Moving average, 2 times “0002”: Moving average, 4 times “0003”: Moving average, 8 times “0004”: Moving average, 16 times “0005”: Moving average, 32 times “0011”: Simple average, 2 times “0012”: Simple average, 4 times “0013”: Simple average, 8 times “0014”: Simple average, 16 times “0015”: Simple average, 32 times
Startup compensation time			“0003”			“0000” to “0999” (0.1 s units)
Hysteresis			“0004”			“0001” to “9999”
Comparative output pattern			“0005”			“0000”: Standard output “0001”: Zone output “0002”: Level output
Scaling input value 2		“C00C”	“0000”			“F0019999” to “00099999”
Scaling display value 2			“0001”			“F0019999” to “00099999”
Scaling input value 1			“0002”			“F0019999” to “00099999”
Scaling display value 1			“0003”			“F0019999” to “00099999”
Power supply frequency		“8824”	“0000”			“0000”: 50 Hz “0001”: 60 Hz

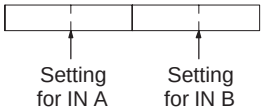
K3NH

Command	Code	Type	Starting write address	Filler	Number of elements	Write data
HH set value write	“0102”	“C0”	“0004”	“00”	“0001”	“F0019999” to “00099999”
H set value write			“0005”			
L set value write			“0006”			
LL set value write			“0007”			
Input type	“0202”	“8000”	“0000”		“8001”	“0000”: Jpt100 “0001”: Pt100 “0002”: K1 “0003”: K2 “0004”: J1 “0005”: J2 “0006”: T “0007”: E “0008”: L1 “0009”: L2 “0010”: U “0011”: N “0012”: R “0013”: S “0014”: B “0015”: W “0016”: PLII “0017”: 4 to 20 mA “0018”: 0 to 20 mA “0019”: 1 to 5 V “0020”: 0 to 5 V “0021”: 1 to 10 V
Decimal point position			“0001”			“0000”: □□□□ “0001”: □□□.□ “0002”: □□.□□ “0003”: □.□□□
Average processing			“0002”			“0000”: No averaging “0001”: Moving average, 2 times “0002”: Moving average, 4 times “0003”: Moving average, 8 times “0004”: Moving average, 16 times “0011”: Simple average, 2 times “0012”: Simple average, 4 times “0013”: Simple average, 8 times “0014”: Simple average, 16 times
Hysteresis			“0004”			“0001” to “9999”
Comparative output pattern			“0005”			“0000”: Standard output “0001”: Zone output “0002”: Level output
Scaling upper limit value		“C00C”	“0000”			“–1999” to “9999”
Scaling lower limit value			“0001”			“–1999” to “9999”
Upper-limit compensation value			“0002”			“–1999” to “9999”
Lower-limit compensation value			“0003”			“–1999” to “9999”
Temperature unit		“8824”	“0000”			“0000”: °C “0001”: °F
Standby sequence			“0001”			“0000”: OFF “0001”: ON
Display digit change			“0002”			“0”: 4 digits “1”: 5 digits

K3NR

Command	Code	Type	Starting write address	Filler	Number of elements	Write data
HH set value write	“0102”	“C0”	“X004”	“00”	“0001”	“F0019999” to “00099999”
H set value write			“X005”			
L set value write			“X006”			
LL set value write			“X007”			
Operating mode	“0202”	“8000”	“0000”		“8001”	“0000”: F1 “0004”: F5 “0001”: F2 “0005”: F6 “0002”: F3 “0006”: F7 “0003”: F4
Decimal point position			“X001”			“0000”: □□□□□ “0001”: □□□□.□ “0002”: □□□.□□ “0003”: □□.□□□ “0004”: □.□□□□
Process time for averaging measured value			“0002”			“0000”: 60 ms “0004”: 4 s “0001”: 500 ms “0005”: 8 s “0002”: 1 s “0006”: 16 s “0003”: 2 s
Startup compensation time			“0003”			“0000” to “0999” (0.1 s units)
Hysteresis			“0004”			“0001” to “9999”
Comparative output pattern			“0005”			“0000”: Standard output “0001”: Zone output “0002”: Level output
Prescaling value X (mantissa) of input A		“C00C”	“0000”			“00000001” to “00099999”
Prescaling value Y (exponent) of input A			“0001”			“F0000009” to “00000009”
Prescaling value X (mantissa) of input B			“0002”			“00000001” to “00099999”
Prescaling value Y (exponent) of input B			“0003”			“F0000009” to “00000009”
Sensor type		“8824”	“0000”			See note.
Time unit			“0001”			“0000”: Prescaling value “0001”: Seconds “0002”: Minutes “0003”: Hours, minutes, seconds “0004:” Minutes and seconds
Power failure memory			“0002”			“0000”: Disabled “0001”: Enabled
Auto zero time of input A X (mantissa)		“C82A”	“0000”			“00000001” to “00099999”
Auto zero time of input A Y (exponent)			“0001”			“F0000009” to “00000009”
Auto zero time of input B Y (mantissa)			“0002”			“00000001” to “00099999”
Auto zero time of input B Y (exponent)			“0003”			“F0000009” to “00000009”

Note

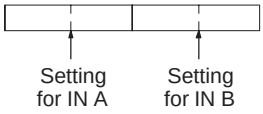


Setting	Meaning
“00”	Normally-open transistor input or active-H voltage pulse input
“01”	Normally-closed transistor input or active-L voltage pulse input
“10”	Normally-open relay input
“11”	Normally-closed relay input

K3NP

Command	Code	Type	Starting write address	Filler	Number of elements	Write data
HH set value write	“0102”	“C0”	“X004”	“00”	“0001”	“00000000” to “00099999”
H set value write			“X005”			
L set value write			“X006”			
LL set value write			“X007”			
Operating mode	“0202”	“8000”	“0000”		“8001”	“0000”: F1 “0003”: F4 “0001”: F2 “0004”: F5 “0002”: F3 “0005”: F6
Decimal point position			“X001”			“0000”: □□□□□ “0001”: □□□□.□ “0002”: □□□.□□ “0003”: □□.□□□ “0004”: □.□□□□
Comparative output pattern			“0005”			“0000”: Standard output “0001”: Zone output “0002”: Level output
Prescaling value X (mantissa) of input A		“C00C”	“X000”			“00000001” to “00099999”
Prescaling value Y (exponent) of input A			“X001”			“F0000009” to “00000009”
Sensor type		“8824”	“0000”			See note.
Time unit			“0001”			“0000”: Prescaling value “0001”: Seconds “0002”: Minutes “0003”: Hours, minutes, seconds “0004:” Minutes and seconds

Note



Setting	Meaning
“00”	Normally-open transistor input or active-H voltage pulse input
“01”	Normally-closed transistor input or active-L voltage pulse input
“10”	Normally-open relay input
“11”	Normally-closed relay input

K3NC

Command	Code	Type	Starting write address	Filler	Number of elements	Write data
OUT1 set value write	“0102”	“C0”	“X004”	“00”	“0001”	“F0019999” to “00099999”
OUT2 set value write			“X005”			
OUT3 set value write			“X006”			
OUT4 set value write			“X007”			
OUT5 set value write			“X008”			
Input mode	“0202”	“8000”	“0000”		“8001”	“0000”: Individual inputs “0001”: Phase difference inputs
Decimal point position			“X001”			“0000”: □□□□□ “0001”: □□□□.□ “0002”: □□□.□□ “0003”: □□.□□□ “0004”: □.□□□□
Output mode			“0005”			“0000”: ALL-H “0001”: ALL-L
Prescaling value X (mantissa) of input A		“C00C”	“0000”			“00000001” to “00099999”
Prescaling value Y (exponent) of input A			“0001”			“F0000009” to “00000009”
Sensor type		“8824”	“0000”			“0000”: Normally-open transistor input or active-H voltage pulse input “0100”: Normally-closed transistor input or active-L voltage pulse input “1000”: Normally-open relay input “1100”: Normally-closed relay input
Power failure memory			“0001”			“0000”: Disabled “0001”: Enabled
Compensation input condition			“0002”			“0000”: Disabled “0001”: Enabled
Compensation value		“C82A”	“0000”			“F0019999” to “00099999”

K3NV

Command	Code	Type	Starting write address	Filler	Number of elements	Write data
HH set value write	“0102”	“C0”	“0004”	“00”	“0001”	“F0019999” to “00099999”
H set value write			“0005”			
L set value write			“0006”			
LL set value write			“0007”			
Input range	“0202”	“8000”	“0000”		“8001”	“0000”: A “0001”: B “0002”: C
Decimal point position			“0001”			“0000”: □□□□□ “0001”: □□□□.□ “0002”: □□□.□□ “0003”: □□.□□□ “0004”: □.□□□□
Average processing			“0002”			“0000”: No averaging “0001”: Moving average, 2 times “0002”: Moving average, 4 times “0003”: Moving average, 8 times “0004”: Moving average, 16 times “0005”: Moving average, 32 times “0011”: Simple average, 2 times “0012”: Simple average, 4 times “0013”: Simple average, 8 times “0014”: Simple average, 16 times “0015”: Simple average, 32 times
Startup compensation time			“0003”			“0000” to “0999” (0.1 s units)
Hysteresis			“0004”			“0001” to “9999”
Comparative output pattern			“0005”			“0000”: Standard output “0001”: Zone output “0002”: Level output
Scaling input value 2		“C00C”	“0000”			“F0019999” to “00099999”
Scaling display value 2			“0001”			“F0019999” to “00099999”
Scaling input value 1			“0002”			“F0019999” to “00099999”
Scaling display value 1			“0003”			“F0019999” to “00099999”
Power supply frequency		“8824”	“0000”			“0000”: 50 Hz “0001”: 60 Hz