

# Properties Read

## Text within the Command Frame

MRC	SRC
"05"	"03"
2 bytes	2 bytes

## Response Text within the Response Frame

MRC	SRC	Response code	Model number	Buffer size
"05"	"03"			
2 bytes	2 bytes	4 bytes	10 bytes	4 bytes

1, 2, 3...

Response codes

Response code	Meaning
"0000"	Normal completion
"1001"	Command too long
"2203"	Operating error

Model number

The 10-byte ASCII model number will be returned as is (from the left). The overall format is "K3N [1]-[2][3]-[4]."

[1]: This is the fourth character in the model number (H, R, P, C, X, or V).

[2][3]: These characters indicate the input specifications, as shown below.

Characters [2][3]	Meaning
TA	K3NH
NB	NPN input for the K3NR, K3NP, or K3NC
PB	PNP input for the K3NR, K3NP, or K3NC
VD	K3NX (DC voltage input)
AD	K3NX (DC current input)
VA	K3NX (AC voltage input)
AA	K3NX (AC current input)
LC	K3NV

[4]: This is the Output Unit's code.

Number	Code	Meaning
1	FLK1	Communications (RS-232C)
2	FLK2	Communications (RS-485)
3	FLK3	Communications (RS-422)
4	FLK4	Communications + Transistor output (RS-232C + NPN open collector)
5	FLK5	Communications + Transistor output (RS-485 + NPN open collector)
6	FLK6	Communications + Transistor output (RS-422 + NPN open collector)

Communications buffer size

Indicates the size of the communications buffer in 4-digit hexadecimal. The hexadecimal number is represented in ASCII and is always "0025" (37 bytes).