

20		
	RET	



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P

Jump Condition	Display
SB 51 - Left Arrow	out
SB 52 - Right Arrow	out

Vars Table

Var Alias	Var Name	Var Type
A	Variable 3	Binary Image
B	Variable 7	Binary Image
C	Variable 8	Binary Image
D	Variable 9	Binary Image
E	Variable 10	Binary Image
F	Variable 11	Binary Image
G	Variable 24	Binary Image
H	Variable 25	Binary Image
I	Variable 26	Binary Image
J	Variable 27	Binary Image
K	Variable 28	Binary Image
L	Variable 29	Binary Image
M	Variable 52	Binary Image
N	Variable 53	Binary Image
O	Variable 54	Binary Image
P	Variable 55	Binary Image

Var Type: Binary Image

Var Name: Variable 3

Var Type: Binary Image

Var Name: Variable 7

Var Type: Binary Image

Var Name: Variable 8

Var Type: Binary Image

Var Name: Variable 9

Var Type: Binary Image

Var Name: Variable 10

Var Type: Binary Image

Var Name: Variable 11

Var Type: Binary Image

Var Name: Variable 24

Var Type: Binary Image

Var Name: Variable 25

Var Type: Binary Image

Var Name: Variable 26

Var Type: Binary Image

Var Name: Variable 27

Var Type: Binary Image

Var Name: Variable 28

Var Type: Binary Image

Var Name: Variable 29

Var Type: Binary Image

Var Name: Variable 52

Var Type: Binary Image

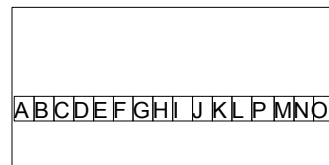
Var Name: Variable 53

Var Type: Binary Image

Var Name: Variable 54

Var Type: Binary Image

Var Name: Variable 55



Jump Condition	Display
SB 51 - Left Arrow	! Start-Up Display
SB 52 - Right Arrow	! Start-Up Display

Vars Table

Var Alias	Var Name	Var Type
A	Variable 36	Binary Image
B	Variable 37	Binary Image
C	Variable 38	Binary Image
D	Variable 39	Binary Image
E	Variable 40	Binary Image
F	Variable 41	Binary Image
G	Variable 42	Binary Image
H	Variable 43	Binary Image
I	Variable 44	Binary Image
J	Variable 45	Binary Image
K	Variable 46	Binary Image
L	Variable 47	Binary Image
M	Variable 48	Binary Image
N	Variable 49	Binary Image
O	Variable 50	Binary Image
P	Variable 51	Binary Image

Var Type: Binary Image

Var Name: Variable 36

Var Type: Binary Image

Var Name: Variable 37

Var Type: Binary Image

Var Name: Variable 38

Var Type: Binary Image

Var Name: Variable 39

Var Type: Binary Image

Var Name: Variable 40

Var Type: Binary Image

Var Name: Variable 41

Var Type: Binary Image

Var Name: Variable 42

Var Type: Binary Image

Var Name: Variable 43

Var Type: Binary Image

Var Name: Variable 44

Var Type: Binary Image

Var Name: Variable 45

Var Type: Binary Image

Var Name: Variable 46

Var Type: Binary Image

Var Name: Variable 47

Var Type: Binary Image

Var Name: Variable 48

Var Type: Binary Image

Var Name: Variable 49

Var Type: Binary Image

Var Name: Variable 50

Var Type: Binary Image

Var Name: Variable 51

Defined Fonts

Font Name	Size	Bold	Underline	StrikeOut	Script Code
MS Sans Serif	8				0

HMI Information

SI 252	Module Name	Display Name
0	! Start-Up Module	! Start-Up Display
1	! Start-Up Module	out

Hardware Configuration

Vision:

V120-22

Snap-in I/O:

V120-22-R1

Digital Inputs: I 0 - I 9

Digital Outputs: O 0 - O 5

Analog Inputs:

0: None

High Speed Inputs:

I 0,1: None

I 0,1: None

I 2,3: None

I 2,3: None

I 4,5: None

I 4,5: None

High Speed Inputs (Reload):

I 0,1: None

I 0,1: None

I 2,3: None

I 2,3: None

I 4,5: None

I 4,5: None

Inputs

Address	PowerUp	Description
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		

Outputs

Address	PowerUp	Description
0		
1		
2		
3		
4		
5		

Timers

Address	PowerUp	Format	Type	Reset PW	Description
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Signed Constants

Value	Format	Description
-------	--------	-------------

Unsigned Constants

Value	Format	Description
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Memory Bits

Address	PowerUp	Description
0		Function in Progress
1		PWM Result MB
2		PWM Result MB
5		
20		PWM Result MB
100		Master: Start Of Vector
101		
102		
103		

104		
105		
106		
107		
108		
109		
110		
111		
112		
113		
114		
115		
130		Timeout Error is ENABLE
200		Value To Force
201		
202		
203		
204		
205		
206		
207		
208		
209		
210		Test Bit: C (Bit Target)
211		Test Bit: C (Bit Target)
212		Test Bit: C (Bit Target)
213		Test Bit: C (Bit Target)
214		Test Bit: C (Bit Target)
215		
216		
217		

System Bits

Address	PowerUp	Description
0		Always 0
1		Always 1
2		Power-up bit
3		1 second pulse (a squarewave of 1 second duration, with a 50% duty cycle)
4		Divide by zero
5		Short circuits in loads linked to transistor Outputs on snap-in/expansion I/O modules
6		Keyboard is active
7		100 mS pulse
8		Battery low (1=low)
9		Ram Failure
10		Result of Float operation is illegal (Reset by user)
13		ON at Rising Edge of SB3 (1sec pulse)
14		Request to calculate current PLC temperature (not supported by V120, V130, V350)
15		ON at Rising Edge of SB7 (100 mS pulse)
16		Touchscreen is Active (has been touched] (Touch models only)
17		Enable/Disable Touch-screen indication (Message Board function)
22		Enable Virtual Keyboard (Relevant only to Standard Vision + Touchscreen, not Enhanced)

23	Enable all HMI keys during Keypad Entry
24	Initialize and Reset PLC (Set to cause PLC Reset and to Initialize all operands to 0)
25	Use operand value as Index of HMI variable
26	Exiting OS Draw Mode (ON for 1 cycle after OS draw)
27	Disable all keypad automation (V280 only)
28	LCD: controlled by OS (OS Drawing)
29	Current keypad entry sets SB 30 (HMI keypad entries complete)
30	Keypad Vars Locked(Standard: OS turns ON after entries complete (V130: User turns ON/OFF)
31	Refresh current LCD screen display variables
32	HMI keypad entry in progress (Standard Vision)
33	Load Disply + linked Call Sub-ON 1 scan 1st time the Sub runs (Standard Vision)
34	UnLoad Disply w/linked Call Sub-ON 1 scan last time Sub runs (Standard Vision)
35	OnLine Test Point
36	INFO mode
37	Exclude Last Viewed Display from FIFO
38	Invert Touchscreen element pixels (Text, images) (V280/290-BW)
39	FLASH on LCD, Display not Refreshed (V570, 290-C)
40	Key: # 0
41	Key: # 1 (also Up arrow for V120)
42	Key: # 2
43	Key: # 3
44	Key: # 4
45	Key: # 5
46	Key: # 6 (also Down arrow for V120)
47	Key: # 7
48	Key: # 8
49	Key: # 9
50	Plus/Minus
51	Left Arrow
52	Right Arrow
53	ENTER
54	Key <i>
55	Up
56	Down
57	ESC
58	F1
59	F2
60	F3
61	F4
62	F5
63	F6
64	F7
65	F8
66	F9
67	F10
68	F11
69	F12
70	F13
71	F14
72	F15
73	Disable HMI cursor blinking (Standard) Calibrate Touchscreen (touchscreen models)
75	Download Complete, PLC and HMI application

76	Keypad Entry: Focus (V130/350/570)
77	Modem Busy (Enhanced Vision: COM 1) (Standard Vision: the COM linked to modem)
78	Modem Busy, COM Port 2 (V570, 290-C)
79	Modem Busy, COM Port 3 (V570, 290-C)
80	Modem Init :COM 1
81	Modem Init: Fail 1
82	Modem Init: COM 2
83	Modem Init Fail: COM 2
84	Modem Init: COM 3
85	Modem Init Fail: COM 3
86	Modem Connected: Com Port 1
87	Modem Connected: COM 2
88	Modem Connected: COM3
89	CLIP - Caller Number is here
91	I/O Exp. Module--Command buffer is full
92	Keypad Entry in Progress (ON during entry) (Enhanced Vision)
93	Keypad Entry Var Activates (ON for 1 scan) (Enhanced Vision)
94	Keypad Entry Var Complete (ON for 1 scan) (Enhanced Vision)
100	GPRS modem connected (TC 65)
102	MODBUS Read Long: Transpose
104	Enable MODBUS over GPRS: COM1. Set before MODBUS Configuration.
105	Enable MODBUS over GPRS: COM2. Set before MODBUS Configuration.
106	Enable MODBUS over GPRS: COM3. Set before MODBUS Configuration.
108	Press "Enter" 1x (V130) When SB 108 + 76 ON, KP entry requires Enter pressed once
109	V130 only. Arrow keys tab between keypad entry fields: 0 = Left/Right, 1= Up/Down
110	Draw: Out of Range
111	Disable Virtual Keypad. ON=Virtual Keypad is disabled but Keypad enabled (Vision560)
112	On-Board USB port found
113	USB cable - connected to PC (set to "1" when connected. Relevant models only)
115	V130 only: Keypad keys, letters/number order. 0=abc2, def3, etc(default) 1=2abc, 3def, etc
116	SD Trends to SD: Set to Overwrite .utr
117	SD Trends: Jump to next segment
118	SD Trends: Jump to previous segment
119	SD Trends: System busy - Draw Trend is gathering data
120	DTR COM Port 1 (signal output from PLC)
121	DSR COM Port 1 (signal input to PLC)
122	DTR COM Port 2 (signal output from PLC)
123	DSR COM Port 2 (signal input to PLC)
124	DTR COM Port 3 (signal output from PLC)
125	DSR COM Port 3 (signal input to PLC)
132	COM Port 1, Data Transmission
133	COM Port 2, Data Transmission
134	COM Port 3, Data Transmission
135	COM Port 1, Data Receive
136	COM Port 2, Data Receive
137	COM Port 3, Data Receive
140	Remote access - read only
141	Ethernet: Card Exists
142	Ethernet: Card Initialized
143	Ethernet: Socket 0 Initialized (not relevant for V700)
144	Ethernet: Socket 1 Initialized (not relevant for V700)
145	Ethernet: Socket 2 Initialized (not relevant for V700)

146	Ethernet: Socket 3 Initialized (not relevant for V700)
147	Ethernet: Socket 0 Connected (not relevant for V700)
148	Ethernet: Socket 1 Connected (not relevant for V700)
149	Ethernet: Socket 2 Connected (not relevant for V700)
150	Ethernet: Socket 3 Connected (not relevant for V700)
151	Ethernet Status: Link
152	Ethernet Status: Rate, 10 mbps
153	Ethernet Status: Rate, 100 mbps
154	Ethernet Status: Collision
155	Ethernet Socket 0: Send in Progress (not relevant for V700)
156	Ethernet Socket 1: Send in Progress (not relevant for V700)
157	Ethernet Socket 2: Send in Progress (not relevant for V700)
158	Ethernet Socket 3: Send in Progress (not relevant for V700)
159	Enable UDP Unicast in Socket 0
162	Link failed after card was properly initialized
167	Error detected on ETHERNET
168	To activate "Link lost, auto-recover": Set SB 168 (Power-up Value =1)
177	Snap I/O Module Installed 1=Snap Installed 0=Snap is Not Installed
178	Profibus Card found
180	COM1 Received Message Invalid, STX/ETX/Checksum (V570, 290-C,130)
181	COM2 Received Message Invalid, STX/ETX/Checksum (V570, 290-C,130)
182	COM3 Received Message Invalid, STX/ETX/Checksum (V570, 290-C,130)
184	SMS: TX Success (Standard: any COM linked to Modem) (Enhanced: Modem on COM1)
185	SMS: TX Failed, (Standard: any COM linked to Modem) (Enhanced: Modem on COM1)
186	SMS: TX Success, COM2 (ACK) (Enhanced only)
187	SMS: TX Failed, COM2 (NACK) (Enhanced only)
188	SMS: TX Succeeded COM3 (ACK) (Enhanced only)
189	SMS: TX Failed, COM3 (NACK) (Enhanced only)
191	.
198	SMS Arrived, Record the Received SMS Message Length in SI 198
199	Save SMS to Memory Vector
200	CANbus Network operand
201	CANbus Network operand
202	CANbus Network operand
203	CANbus Network operand
204	CANbus Network operand
205	CANbus Network operand
206	CANbus Network operand
207	CANbus Network operand
208	CANbus Network operand
209	Customer ID
210	CANbus Network operand
211	CANbus Network operand
212	CANbus Network operand
213	CANbus Network operand
214	CANbus Network operand
215	CANbus Network operand
217	SD Card Present
218	SD Card is Write-Enabled
219	SD: No Pending Tasks (SD Card may be Ejected)
226	CANopen COB-ID mask (Enhanced Vision only)
236	CANbus Network communication error

237	CANbus ISC Network disable
240	CANopen: Configuration downloaded
241	CANopen: Configured
242	CANopen: SDO in Progress
243	CANopen: SDO transfer failed
249	Black Background, when Sys screen (Alarm,Info) does not stretch across screen.Enhanced
250	HMI keypad entry within limits (Standard Vision)
251	Keypad entry exceeds limits (Standard Vision)
252	EX-RC1, Control Bus COMM LED Use SB in program to control the LED to signal EX-RC1 - OPLC communication failure.
253	EX-RC1 - I/Os COM Error ON at communication failure between EX-RC1 - I/Os
254	EX-RC1: Reset all outputs Turn SB ON to reset all outputs. Controlled by user.
279	Send SMS message in ASCII format (ON sends ASCII)
280	Force Message Display on Cell Phone
281	GPRS Server is on-line (COM1)
282	GPRS Server is on-line (COM2)
283	GPRS Server is on-line (COM3)
284	Send PDO1 (ON when SI 212 =8)
285	Send PDO2 (ON when SI 213 =8)
286	Send PDO3 (ON when SI 214 =8)
287	Send PDO4 (ON when SI 215 =8)
288	RTR PDO1 (ON when SI 216 =12)
289	RTR PDO2 (ON when SI 217 =12)
290	RTR PDO3 (ON when SI 218 =12)
291	RTR PDO4 (ON when SI 219 =12)
292	Send NMT MC (ON when SI 221 =8)
293	Send RTR NMT (ON when SI 222 =12)
300	Reset PLC
301	PLC exits Stop and returns to Run Mode; turns ON for 1 scan
302	Stop Mode ON, turns ON when entering Stop Mode, OFF when exists to Run Mode
303	Backup Security in Memory
310	Buzzer (290/570/350/530)
311	Buzzer - Screen Touch ((Touchscreen models only)
314	Block PC access to PLC. OFF by default. When ON: access via VisiLogic, RA, etc. blocked
324	SD: Open File (Read to SD) Status: SI 67
325	SD File: Read Chunk in Progress (Chunk= 512 bytes)
326	SD Read File :EOF, entire file has been read
327	SD: Open File (Write to SD) Status : SI 67
328	SD File: Write Chunk in Progress (Chunk= 512 bytes)
329	SD Write File: EOF, entire file has been read
330	Break from External Device, COM1
331	Break from External Device, COM2
332	Break from External Device, COM3
334	GPRS Active, COM Port 1
335	GPRS Active, COM Port 2
336	GPRS Active, COM Port 3
337	Modem Break: COM Port 1(V570, 290-C)
338	Modem Break: COM Port 2 (V570, 290-C)
339	Modem Break: COM Port 3 (V570, 290-C)
340	Log to SD in Progress
341	Copy Data Table from PLC to SD Card in Progress
342	Copy Data Table from SD Card to PLC in Progress
343	SD: File Report in Progress

344		SD: Write .csv delimited line to SD in Progress
345		Email Send in Progress
346		SD Data Block 0 Busy
347		SD Data Block 1 Busy
348		SD Data Block 2 Busy
349		SD Data Block 3 Busy
350		Show Alarms on LCD (ON=Show, OFF=Hide)
351		Exit Alarm - Jump to Display
352		SD: Write Alarm History to SD (OFF by default)
358		SD: Delete File in Progress
359		Folder Report Function in Progress
366		Clone in Progress. Note that the process can take from several seconds to several minutes
372		Burn DLUs to Flash [OFF by Default] Turn ON to burn DLUs to Flash Reset by PLC after burn.
399		Ladder Utility Failure. When ON, the number of the failed utility is in SI 26.
500		User RAM overlap warning
501		Retain Inputs Forced Value after power failure

Memory Integers

Address	PowerUp	Format	Description
0		DEC	Status Messages
1		DEC	Status Messages
2		DEC	Status Messages
3		DEC	Status Messages
10		DEC	Status Messages
15		DEC	Master: Start Of Vector
16		DEC	Status Messages
33		DEC	Status Messages
200		DEC	Value To Preset

System Integers

Address	PowerUp	Format	Description
0		DEC	Scan Time, Resolution: Units of 1 mSec
6		DEC	Current key pressed (V120/130/230/260/280)
7		DEC	LCD Contrast Control: (V120/280/290 only) 0=Min. Contrast, 50=Med. Contrast, 100=Max. Contrast
8		DEC	Unit ID
9		DEC	LCD Backlight intensity
14		DEC	Current PLC temperature, including decimal point (not supported by V120, V130, V350)
26		DEC	Ladder Utility Failure Indication. (SB399 ON & utility fails, SI 26 indicates utility #)
30		DEC	Current second - according to RTC (SS)
31		DEC	Current time - according to RTC (HHMM)
32		DEC	Current date - according to RTC (DDMM)
33		DEC	Current year - according to RTC (YYYY)
34		DEC	Current day - according to RTC (1-7)
35		DEC	RTC Current Hour 0-23
36		DEC	RTC Current Minute, 0-59
37		DEC	RTC Day in Month (30 = 30th day in month)
38		DEC	RTC Current Month
40		DEC	Touchscreen is being touched - X coordinates
41		DEC	Touchscreen is being touched-Y coordinates
42		DEC	Active Keypad Entry variable, contains number of active var. Write to activate another var.

45		DEC	Numeric Key Entry Out of Limit - Counter of Attempts (Enhanced)
46		DEC	Refresh HMI (units 10 msec), Buttons, Frame, Text (V570, V290-C)
49		DEC	Select Touch Keyboard Type (enhanced only)
50		DEC	INFO delay time (default 4 seconds)
51		DEC	Info Mode, Serial COM Monitor: # of messages not displayed, V570 only
58		DEC	email file attachment size, where 1=1024 bytes (power-up default is 1) Maximum = 10 (10 MB)
59		DEC	Send e-mail: Increase Timeout (resolution=10 ms))
63		DEC	Maximum number of Trend files that can be saved (read-only))
64		DEC	Maximum number of DT files that can be saved (read-only)
66		DEC	SD Card Status Messages
67		DEC	SD Card, Read Files: Status (0=no error)
68		DEC	SD Card, Write Files: Status (0=no error)
69		DEC	SD Card: File Open Time (may signal file fragmentation)
73		DEC	String Library Error
74		DEC	Alarms Utility, General Status
75		DEC	Operand assignment error (V570, 290-C))
76		DEC	Number of Alarms currently in History Buffer
80		DEC	Modem Status: COM 1
81		DEC	Error Code: COM 1
82		DEC	Modem Status: COM 2
83		DEC	Error Code: COM 2
84		DEC	Modem Status: COM 3
85		DEC	Error Code: COM 3
100		DEC	Maximum Time Delay between characters (units 2.5ms) MODBUS + Modem
101		DEC	TCP/IP Retries base time out
102		DEC	TCP/IP Retries count
103		DEC	Socket 0 TCP/IP Keep Alive (units of 100 msec)
104		DEC	Socket 1 TCP/IP Keep Alive (units of 100 msec)
105		DEC	Socket 2 TCP/IP Keep Alive (units of 100 msec)
106		DEC	Socket 3 TCP/IP Keep Alive (units of 100 msec)
107		DEC	TCP/IP Keep Client (Master) Connection (Socket 0)
108		DEC	TCP/IP Keep Client (Master) Connection (Socket 1)
109		DEC	TCP/IP Keep Client (Master) Connection (Socket 2)
110		DEC	TCP/IP Keep Client (Master) Connection (Socket 3)
115		DEC	Current Protocol COM1 0= PCOM,1=MODBUS, 2:=FB, PROTOCOL, 3 =SMS
117		DEC	Current Protocol COM3 0= PCOM,1=MODBUS, 2:=FB, PROTOCOL, 3 =SMS
118		DEC	CANbus: Record CAN messages to Data Table. Enhanced Vision only. Check Help for information
119		DEC	CANbus: CAN message currently being written to Data Table. (read-only) Check Help for information
136		DEC	PCOM_LAST_MESSAGE_KEY
140		DEC	Ethernet send fail, bitmap
141		DEC	Ethernet Socket 0: Protocol Type (0=PC application, 1=MODBUS, 2=FB Protocol)
142		DEC	Ethernet Socket 1: Protocol Type (0=PC application, 1=MODBUS, 2=FB Protocol)
143		DEC	Ethernet Socket 2: Protocol Type (0=PC application, 1=MODBUS, 2=FB Protocol)
144		DEC	Ethernet Socket 3: Protocol Type (0=PC application, 1=MODBUS, 2=FB Protocol)
145		DEC	Ethernet Socket 0: State (not relevant for V700)
146		DEC	Ethernet Socket 1: State (not relevant for V700)
147		DEC	Ethernet Socket 2: State (not relevant for V700)
148		DEC	Ethernet Socket 3: State (not relevant for V700)
185		DEC	GSM Signal Quality (Standard: all ports)(Enhanced: COM1)
188		DEC	GSM Signal Quality COM2 (V570, 290-C)
191		DEC	GSM Signal Quality COM3 (V570, 290-C)
192		DEC	.

198		DEC	Received SMS Message Length (in bytes)
199		DEC	SMS to Memory Vector - start of vector
200		DEC	CANbus Network operand
201		DEC	CANbus Network operand
209		DEC	Customer ID
212		DEC	CANopen: Number of PDO1 waiting to be sent (buffer maximum=8)
213		DEC	CANopen: Number of PDO2 waiting to be sent (buffer maximum=8)
214		DEC	CANopen: Number of PDO3 waiting to be sent (buffer maximum=8)
215		DEC	CANopen: Number of PDO4 waiting to be sent (buffer maximum=8)
216		DEC	CANopen: Number of Send RTR PDO1 waiting to be sent (buffer maximum=8)
217		DEC	CANopen: Number of Send RTR PDO2 waiting to be sent (buffer maximum=8)
218		DEC	CANopen: Number of Send RTR PDO3 waiting to be sent (buffer maximum=8)
219		DEC	CANopen: Number of Send RTR PDO4 waiting to be sent (buffer maximum=8)
220		DEC	CANopen: Number of SDO waiting to be sent (buffer maximum=8)
221		DEC	CANopen: Number of Send NMT waiting to be sent (buffer maximum=8)
222		DEC	CANopen: Number of Send RTR NMT waiting to be sent (buffer maximum=12)
223		DEC	CANopen: Send Buffer full (per type. Check Help for bitmap)
224		DEC	CANopen: Number of received SDO messages
225		DEC	CANopen: SDO status (Codes in Help file)
236		DEC	CANbus Network communication error code
237		DEC	CANbus Network: failed unit ID
240		DEC	CANbus error bitmap, indicates PLC ID number
241		DEC	CANbus error bitmap, indicates PLC ID number
242		DEC	CANbus error bitmap, indicates PLC ID number
243		DEC	CANbus error bitmap, indicates PLC ID number
244		DEC	V1040, X Coordinates, Num Keypad/Alarm screen
245		DEC	V1040, Y Coordinates, Num Keypad/Alarm screen
246		DEC	(V1210/V1040 only) Improve Display of Complex HMI elements (1- 30)
249		DEC	Last Active Keypad Entry Var (Standard Vision)
250		DEC	Currently active keypad entry (read/write) (Standard Vision)
251		DEC	Previous HMI Display Number (Standard Vision only)
252		DEC	Current HMI Display Number (Standard Vision only)
253		DEC	Password: Info Mode
274		DEC	COM1, Received Message Counter, Serial
275		DEC	COM2, Received Message Counter, Serial
276		DEC	COM3, Received Message Counter, Serial
280		DEC	Number of minutes-counts constantly unless initialised by user. When register is full, OS inits
281		DEC	2.5mS Subroutine - actual duration of subroutine (resolution 10microS)
282		DEC	2.5mS Subroutine + related tasks =total execution time for Subroutine (resolution 10microS)
285	0	DEC	
330		DEC	SD: Copy DT from PLC to SD - Total Amount of Data to be Copied (blocks of 512 bytes)
331		DEC	SD: Copy DT from PLC to SD - Blocks that have been copied
333		DEC	SD: Copy DT from SD to PLC - Remaining Amount (blocks not yet copied)
440		DEC	Float errors (check Help for error codes)
491		DEC	Switch current Text Library
492		DEC	Jump from Alarm x to HMI Display
497		DEC	Firmware Build Number (V120, V230, V260, V280, V290 BW)
498		DEC	Firmware Version Number (V120, V230, V260, V280, V290 BW)

Memory Longs

Address	PowerUp	Format	Description
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System Longs

Address	PowerUp	Format	Description
4		DEC	Divide Remainder (signed divide function)

DoubleWords

Address	PowerUp	Format	Description
0		DEC	Total Sessions
1		DEC	Acknowledgements
2		DEC	Acknowledgements
3		DEC	Total Sessions
4		DEC	Acknowledgements
5		DEC	Total Sessions
6		DEC	Acknowledgements
7		DEC	Total Sessions
8		DEC	Acknowledgements
10		DEC	Total Sessions
11		DEC	Acknowledgements
12		DEC	Total Sessions
13		DEC	Acknowledgements
17		DEC	Total Sessions
18		DEC	Acknowledgements
22		DEC	Test Bit: A (Vector: Start Address)
34		DEC	Total Sessions
35		DEC	Acknowledgements
50		DEC	Master: Start Of Vector
63		DEC	Test Bit: A (Vector: Start Address)

System Double Words

Address	PowerUp	Format	Description
0		DEC	10mS counter
2		DEC	Cycle Counter: increments by 1 every program cycle
3		DEC	2.5 mS counter
4		DEC	Divide Remainder (unsigned divide function)
5		DEC	Expansion module short circuit bitmap
6		DEC	Snap-in module short circuit bitmap
7		DEC	UniCAN/CANopen, according to COM Init. Check Help file for details
8		DEC	CANopen: Number of failed Sync attempts
9		DEC	Unique PLC ID number (all Visions)
10		DEC	Keypad entry variable value
13		DEC	Phone number of last received SMS (last 9 digits)
14		DEC	Ethernet Socket 0: TXD Total Sessions
15		DEC	Ethernet Socket 1: TXD Total Sessions
16		DEC	Ethernet Socket 2: TXD Total Sessions
17		DEC	Ethernet Socket 3: TXD Total Sessions
18		DEC	Ethernet Socket 0: RXD Total Sessions
19		DEC	Ethernet Socket 1: RXD Total Sessions
20		DEC	Ethernet Socket 2: RXD Total Sessions

21		DEC	Ethernet Socket 3: RXD Total Sessions
22		DEC	MAC Address
23		DEC	MAC Address
24		DEC	CANbus Error (If not 0, contact technical support)
26		DEC	UniCAN Send message counter
28		DEC	UniCAN Receive message counter
29		DEC	CANopen: Bus is OFF Counter
30		DEC	Variable display bitmap, 0=Normal, 1=Inverse (negative) (V120/230/260/280/290-BW)
31		DEC	Hide Var bitmap, 0=Show, 1=Hide ((V120/230/260/280/290-BW)
33		DEC	CANopen: SDO Number of Bytes sent/received
34		DEC	CANopen: Abort Code in SDO Abort. Check Help file for codes
36		DEC	CANopen: Bus OFF error. Check Help file for codes
37		DEC	SDW 37: MODBUS Slave: Receive Counter (Bitmap)
38		DEC	TCP/IP Keep Alive action counters
39		DEC	Ethernet general error counters
42		DEC	100mS Timer Counter, Stable, updates at beginning of program scan only
43		DEC	10mS Timer Counter, Stable, updates at beginning of program scan only
44		DEC	2.5mS Timer Counter, Stable, updates at beginning of program scan only
45		DEC	TCP/IP Keep Client (Master) Connection
47		DEC	Ethernet Connection Counter
49		DEC	Signature Log Checksum
56		DEC	UniCAN/CANopen, according to COM Init. Check Help file for details
57		DEC	UniCAN/CANopen, according to COM Init. Check Help file for details
59		DEC	SD Card: Free space (in 512-byte chunks)
60		DEC	Info Error Status Indication
63		DEC	Firmware version and Build number (V570, V290-C)

Counters

Address	PowerUp	Format	Description
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Network Inputs

NetworkID	Address	Description
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Network System Bits

NetworkID	Address	Description
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Network System Integer

NetworkID	Address	Description
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Memory Floats

Address	PowerUp	Format	Description
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X Bits

Address	PowerUp	Format	Description
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X Integer

Address	PowerUp	Format	Description
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X Long

Address	PowerUp	Format	Description
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X Double Words

Address	PowerUp	Format	Description
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