

FUN 94 P ASCWR		ASCII WRITE												FUN 94 P ASCWR																																																																																				
<div><div><div><div>Ladder symbol</div><div><div>94P.ASCWR</div><div>Output control — EN — MD : <div></div> — ACT — Acting</div><div>Pause control — PAU — S : <div></div> — ERR — Error</div><div>Abort output — ABT — Pt : <div></div> — DN — Output completed</div></div></div><div><div>MD: Output mode =0, output to communication port1. others, reserved for future usage.</div><div>S : Starting register of file data.</div><div>Pt : Starting working register for this instruction instance. It taken up 8 registers and can't be reused in other part of program.</div></div></div></div>																																																																																																		
<table><tr><th>Range</th><th>WX</th><th>WY</th><th>WM</th><th>WS</th><th>TMR</th><th>CTR</th><th>HR</th><th>IR</th><th>OR</th><th>SR</th><th>ROR</th><th>DR</th><th>K</th></tr><tr><td rowspan="2">Ope- rand</td><td>WX0</td><td>WY0</td><td>WM0</td><td>WS0</td><td>T0</td><td>C0</td><td>R0</td><td>R3840</td><td>R3904</td><td>R3967</td><td>R5000</td><td>D0</td><td>0</td></tr><tr><td>WX240</td><td>WY240</td><td>WM1896</td><td>WS984</td><td>T255</td><td>C255</td><td>R3839</td><td>R3903</td><td>R3967</td><td>R4167</td><td>R8071</td><td>D4095</td><td>1</td></tr><tr><td>MD</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>○</td></tr><tr><td>S</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td></td></tr><tr><td>Pt</td><td></td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td></td><td>○</td><td>○*</td><td>○*</td><td>○</td><td></td></tr></table>																Range	WX	WY	WM	WS	TMR	CTR	HR	IR	OR	SR	ROR	DR	K	Ope- rand	WX0	WY0	WM0	WS0	T0	C0	R0	R3840	R3904	R3967	R5000	D0	0	WX240	WY240	WM1896	WS984	T255	C255	R3839	R3903	R3967	R4167	R8071	D4095	1	MD													○	S	○	○	○	○	○	○	○	○	○	○	○	○		Pt		○	○	○	○	○	○		○	○*	○*	○	
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<div><div><div>● When MD=0 and output control “ENU” changes from 0→1, it transmits the ASCII data which starting from S to the communication port 1 (Port1), until reach end of file.</div><div>● S file data can be edited with the programming software PROLADDER or WinProladder (please refer to the explanation of Chapter 14 “ASCII function application”). If necessary the user can also edit the ASCII file directly by change the value of data registers. However, the edited data must be follow the ASCII file format (the details described in chapter 14), otherwise, this instruction will halt the transmission and set the error flag “ERR” to 1. If the entire file is correctly and successfully transmitted, then the output is completed and “DN” is set to 1.</div><div>● The control input of this instruction is of positive edge triggered. Once “ENU” changes from 0→1 then this instruction starts the execution, until finished the transmission of the entire file then the execution is completed. During the transmission, the action flag “ACT” will be kept at 1 all the time. Only when output pause, error, or abort occurs, will it change back to 0.</div><div>● This instruction can be repeatedly used, but only one will be executed (transmit data) at any certain time. It is the obligation of user to make sure the right execution sequence.</div><div>● While this instruction is in execution, if the pause “PAU” is 1, this instruction will pause the transmission of file data. It will resume transmission when the pause “PAU” backs to 0.</div><div>● While this instruction is in execution, if the abort “ABT” is 1, this instruction will abandon the transmission of file data, and then it is able to take next instruction for execution.</div><div>● or detail applications, please refer to Chapter 14 “The Application of ASCII file output function”.</div></div></div>																																																																																																		

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- Interface signals:
  - M1927: This signal is control by CPU, it is applied in ASCWR MD:0
    - : ON, it represents that the RTS (connect to the CTS of PLC) of the printer is "False".  
I.e. the printer is not ready or abnormal.
    - : OFF, it represents that the RTS of the Printer is "True"; Printer is Ready.

Note: Using the M1927 associates with timer can detect if the printer is abnormal or not.