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## Symbol Table Allowed Addresses and Data Types

English Mnemonics	German Mnemonics	Description	Data Type	Address Range
<b>I/O Signals</b>				
I	E	Input bit	BOOL	0 to 65535.7
IB	EB	Input byte	BYTE, CHAR	0 to 65535
IW	EW	Input word	WORD, INT, S5TIME, DATE	0 to 65534
ID	ED	Input double word	DWORD, DINT, REAL, TOD, TIME	0 to 65532
Q	A	Output bit	BOOL	0 to 65535.7
QB	AB	Output byte	BYTE, CHAR	0 to 65535
QW	AW	Output word	WORD, INT, S5TIME, DATE	0 to 65534
QD	AD	Output double word	DWORD, DINT, REAL, TOD, TIME	0 to 65532

[Request new password](#)**Marker Memory**

M	M	Memory bit	BOOL	0 to 65535.7
MB	MB	Memory byte	BYTE, CHAR	0 to 65535
MW	MW	Memory word	WORD, INT, S5TIME, DATE	0 to 65534
MD	MD	Memory double word	DWORD, DINT, REAL, TOD, TIME	0 to 65532

**Peripheral I/O**

PIB	PEB	Peripheral input byte	BYTE, CHAR	0 to 65535
PIW	PEW	Peripheral input word	WORD, INT, S5TIME, DATE	0 to 65534
PID	PED	Peripheral input double word	DWORD, DINT, REAL, TOD, TIME	0 to 65532
PQB	PAB	Peripheral output byte	BYTE, CHAR	0 to 65535
PQW	PAW	Peripheral output word	WORD, INT, S5TIME, DATE	0 to 65534
PQD	PAD	Peripheral output double word	DWORD, DINT, REAL, TOD, TIME	0 to 65532

**Timers and Counters**

T	T	Timer	TIMER	0 to 65535
C	Z	Counter	COUNTER	0 to 65535

**Logic Blocks**

FB	FB	Function	FB	0 to
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		block		65535
OB	OB	Organization block	OB	1 to 65535
FC	FC	Function	FC	0 to 65535
SFB	SFB	System function block	SFB	0 to 65535
SFC	SFC	System function	SFC	0 to 65535
Data Blocks				
DB	DB	Data block	DB, FB, SFB, UDT	1 to 65535
User-defined data types				
UDT	UDT	User-defined data type	UDT	0 to 65535

< Step 7 Elementary Data Types

up

Siemens S7 Indirect Addressing >

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( categories: Siemens )