

**DB631 - <offline> - Declaration view**

"PMS\_VK1\_INFO\_MACHINE" status variables and alarms of machines by PLC for PMS  
Global data block DB 631

**Name:** **Family:**  
**Author:** **Version:** 0.1  
**Block version:** 2  
**Time stamp Code:** 07/09/2012 04:56:06 PM  
**Interface:** 07/09/2012 04:27:20 PM  
**Lengths (block/logic/data):** 01164 00972 00000

**Object properties:**

S7\_language 7(1) Deutsch (Deutschland) 11/16/2012 02:41:45 AM

**Block: DB631**

Address	Name	Type	Initial value	Comment
0.0		STRUCT		
+0.0	INFO_MACHINES	ARRAY[1..6]		1-6 (inputconv, OP10.1, OP10.2, OP20, OP30, OP40)
*0.0		STRUCT		
+0.0	machine_light	STRUCT		
+0.0	white	BOOL	FALSE	0=off, 1=on
+0.1	green	BOOL	FALSE	
+0.2	red	BOOL	FALSE	
+0.3	yellow	BOOL	FALSE	
+0.4	blue	BOOL	FALSE	
+0.5	orange	BOOL	FALSE	
+0.6	spare_1	BOOL	FALSE	
+0.7	spare_2	BOOL	FALSE	
+1.0	flash_white	BOOL	FALSE	0= normal, 1= flashing
+1.1	flash_green	BOOL	FALSE	
+1.2	flash_red	BOOL	FALSE	
+1.3	flash_yellow	BOOL	FALSE	
+1.4	flash_blue	BOOL	FALSE	
+1.5	flash_orange	BOOL	FALSE	
+1.6	flash_spare_1	BOOL	FALSE	
+1.7	flash_spare_2	BOOL	FALSE	
=2.0		END_STRUCT		
+2.0	power_on	BOOL	FALSE	
+2.1	in_production	BOOL	FALSE	
+2.2	safetydoors_closed	BOOL	FALSE	
+2.3	emergency_stop	BOOL	FALSE	
+4.0	part_type	WORD	W#16#0	workpiece type
+6.0	operator_id	INT	0	Operator ID from HMI
+8.0	machine_state	WORD	W#16#0	1=auto;2=idle;10-20 normstop,>20 faultstop (green, blue, yellow, red)
+10.0	fault_channel_1	ARRAY[1..18]		Faultmessages Channel 1
*1.0		BYTE		
+28.0	fault_channel_2	ARRAY[1..18]		Faultmessages Channel 2
*1.0		BYTE		
+46.0	fault_axes_drives	ARRAY[1..36]		Faultmessages Axes Drives
*1.0		BYTE		
+82.0	fault_user_0_to4	ARRAY[1..40]		Faultmessages Userarea 0...4
*1.0		BYTE		
+122.0	fault_user_5_to9	ARRAY[1..40]		Faultmessages Userarea 5...9
*1.0		BYTE		
=162.0		END_STRUCT		
=972.0		END_STRUCT		