

Projekt: ZKS3 Version: 68

IOs:	Element	Offset	Length/Bit	Description	Unit/Selections
	SysFkt_DI_Extern	1	Bit 0	remote start	0 = OFF, 1 = ON,
	Kaeltekrei_Kompressor_DI_ErrHochdruck	1	Bit 1	error - high pressure	0 = OK, 1 = error,
	Kaeltekrei_Kompressor_DI_ErrNiederdruck	1	Bit 2	error - low pressure	0 = OK, 1 = error,
	Wasserkrei_Fuellstand_DI_Alarm	1	Bit 3	water level alarm	0 = OFF, 1 = ON,
	Wasserkrei_Fuellstand_DI_Warnung	1	Bit 4	water level warning	0 = OFF, 1 = ON,
	Wasserkrei_DFL1_DI_Fluss	1	Bit 5	flow sensor	0 = OFF, 1 = ON,
	Wasserkrei_DFL2_DI_Fluss	1	Bit 6	flow sensor	0 = OFF, 1 = ON,
	Display_LED_Betrieb	2	Bit 0	operation	0 = OFF, 1 = ON,
	Display_LED_Fehler	2	Bit 1	erroro	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmDruck	2	Bit 2	status pressure	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmTemp	2	Bit 3	status temperature	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmFluss1	2	Bit 4	status flow	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmFluss2	2	Bit 5	status flow 2	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmNiveau	2	Bit 6	status water level	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmLf	2	Bit 7	atatus conductivity	0 = OFF, 1 = ON,
	SysFkt_DO_AlarmUmgeb	3	Bit 0	status ambient temperature	0 = OFF, 1 = ON,
	SysFkt_DO_Stoerung	3	Bit 1	failure/release	0 = OFF, 1 = ON,
	SysFkt_DO_Beep	3	Bit 2	alarm buzzer	0 = OFF, 1 = ON,
	Kaeltekrei_Heissgas_DO_Ventil	3	Bit 3	control valve	0 = OFF, 1 = ON,
	Kaeltekrei_Kompressor_DO_Verdicht	3	Bit 4	compressor	0 = OFF, 1 = ON,
	Wasserkrei_Heizung_DO_Heizung	3	Bit 5	heater	0 = OFF, 1 = ON,
	Wasserkrei_Pumpe_DO_Pumpe	3	Bit 6	pump	0 = OFF, 1 = ON,
	Wasserkrei_Leitwert_DO_Mischer	3	Bit 7	conductivty valve	0 = OFF, 1 = ON,
	SysFkt_AI_TUmgebungRoh	4	2	ambient - rough	°C
	SysFkt_TI_Beep	6	2	buzzer timerr	s
	Kaeltekrei_Heissgas_AO_PVentil	10	2	hot gas valve	%
	Kaeltekrei_Heissgas_Timer	12	2	timer	s
	Kaeltekrei_Luefter_AO_Luefter	16	2	fan speed	%
	Kaeltekrei_Luefter_AI_TLuefterRoh	18	2	exhaust air temperature - rough	°C
	Kaeltekrei_Kompressor_TimerLeeren	20	2	empty timer	s
	Kaeltekrei_Kompressor_Timer	24	2	timer	s
	Wasserkrei_Fuellstand_Timer	28	2	water level warning	s
	Wasserkrei_Wassertemp_AI_TVorlaufRohEx	32	2	outlet temperature - rough	°C

Wasserkrei_Wassertemp_AI_TRuecklaufRoh	34	2 inlet temperature - rough	°C
Wasserkrei_Wassertemp_Timer	36	2 timer	s
Wasserkrei_Pumpe_TIM_Menu	40	2 timer menue	s
Wasserkrei_DFL1_AI_Fluss	44	2 flow 1	l/min
Wasserkrei_DFL1_Timer	46	2	s
Wasserkrei_DFL2_AI_Fluss	50	2 flow 2	l/min
Wasserkrei_DFL2_Timer	52	2	s
Wasserkrei_Leitwert_AI_Leitwert	56	2 conductivity	µS
Wasserkrei_Leitwert_Timer	58	2 timer	s
Wasserkrei_Leitwert_TimerSpuel	62	2 timer flush	s
Wasserkrei_Druck_AI_Druck	66	2 pressure	bar
Wasserkrei_Druck_Timer	68	2 timer	s
Wasserkrei_TIM_Regel	72	2 timer control	s
Wasserkrei_TIM_Opti	76	2 timer optimization	s
TIM_Menu	80	2 timer menue	S
TIM_Aussetzen	84	2 timer switch off	s
TIM_Betrieb	88	2 timer operation	s

Flags: Element

Offset Length/Bit Description Unit/Selections

STAT_Control

286

4 control status

Bit 0 = OK, Bit 1 = water level not allowed, Bit 2 = flow sensor 1, Bit 3 = flow sensor 2, Bit 4 = conductivity too high, Bit 5 = high temperature, Bit 6 = low temperature, Bit 7 = temperature condensor block too high, Bit 8 = alarm, Bit 9 = high temperature, Bit 10 = low temperature, Bit 11 = F2-error, Bit 12 = F3-error, Bit 13 = F4-error, Bit 14 = error refrigerant circuit, Bit 15 = high pressure refrigerant circuit, Bit 16 = low pressure refrigerant circuit, Bit 17 = error water circuit, Bit 18 = water level not allowed, Bit 19 = ambeint temperature, Bit 20 =conductivity too high, Bit 21 = flow 1 low, Bit 22 = flow 2 low, Bit 23 = flow 1 high, Bit 24 = flow 2 high, Bit 25 = high temperature, Bit 26 = high pressure water circuit, Bit 27 = low pressure water circuit, Bit 28 = F1-error,

STAT_Message

290

4 message status

Bit 0 = OK, Bit 1 = water level not allowed, Bit 2 = flow sensor 1, Bit 3 = flow sensor 2, Bit 4 = conductivity too high, Bit 5 = high temperature, Bit 6 = low temperature, Bit 7 = temperature condensor block too high, Bit 8 = alarm, Bit 9 = high temperature, Bit 10 = low temperature, Bit 11 = F2-error, Bit 12 = F3-error, Bit 13 = F4-error, Bit 14 = error refrigerant circuit, Bit 15 = high pressure refrigerant circuit, Bit 16 = low pressure refrigerant circuit, Bit 17 = error water circuit, Bit 18 = water level not allowed, Bit 19 = ambeint temperature, Bit 20 =conductivity too high, Bit 21 = flow 1 low, Bit 22 = flow 2 low, Bit 23 = flow 1 high, Bit 24 = flow 2 high, Bit 25 = high temperature, Bit 26 = high pressure water circuit, Bit 27 = low pressure water circuit, Bit 28 = F1-error,