

Signal sources for ZSW1 in Interface Mode SIMODRIVE 611 universal (p2038 = 1)						<1>
Signal	Meaning	Interconnection parameters	[Function diagram] Internal status word	[Function diagram] Signal source	Inverted	
ZSW1.0	1 = Ready to power-up	p2080[0] = r0899.0	[2503.7]	[2610]	-	
ZSW1.1	1 = Ready to operate	p2080[1] = r0899.1	[2503.7]	[2610]	-	
ZSW1.2	1 = Operation enabled	p2080[2] = r0899.2	[2503.7]	[2610]	-	
ZSW1.3	1 = Fault present	p2080[3] = r2139.3	[2548.7]	[8060]	-	
ZSW1.4	1 = No coast down active	p2080[4] = r0899.4	[2503.7]	[2610]	-	
ZSW1.5	1 = No fast stop active	p2080[5] = r0899.5	[2503.7]	[2610]	-	
ZSW1.6	1 = Power-on inhibit active	p2080[6] = r0899.6	[2503.7]	[2610]	-	
ZSW1.7	1 = Alarm present	p2080[7] = r2139.7	[2548.7]	[8065]	-	
ZSW1.8	1 = Speed setpoint - actual value deviation within tolerance t_off	p2080[8] = r2197.7	[2534.7]	[8010]	-	
ZSW1.9	1 = Control requested <2>	p2080[9] = r0899.9	[2503.7]	[2503]	-	
ZSW1.10	1 = f or n comparison value reached/exceeded	p2080[10] = r2199.1	[2536.7]	[8010]	-	
ZSW1.11	Reserved	-	-	-	-	
ZSW1.12	Reserved	-	-	-	-	
ZSW1.13	Reserved	-	-	-	-	
ZSW1.14	1 = Closed-loop torque control active	p2080[14] = r1407.2	[2522.7]	[2522]	-	
ZSW1.15	Reserved	-	-	-	-	

<1> Used in telegrams 1, 2, 3, 4, 5, 6, 102, 103, 105, 106, 116, 352.

<2> The master system requests the process data.

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DO: SERVO

fp_2453_01_eng.vsd

Function diagram

- 2453 -

PROFIdrive - ZSW1 status word interconnection (p2038 = 1)

07.03.07 V02.05.00

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