

11.10 Menu 10: Status and trips

Parameter	Range(⇅)		Default(⇔)			Type					
	OL	CL	OL	VT	SV						
10.01	Drive healthy	OFF (0) or On (1)				RO	Bit		NC	PT	
10.02	Drive active	OFF (0) or On (1)				RO	Bit		NC	PT	
10.03	Zero speed	OFF (0) or On (1)				RO	Bit		NC	PT	
10.04	Running at or below minimum speed	OFF (0) or On (1)				RO	Bit		NC	PT	
10.05	Below set speed	OFF (0) or On (1)				RO	Bit		NC	PT	
10.06	At speed	OFF (0) or On (1)				RO	Bit		NC	PT	
10.07	Above set speed	OFF (0) or On (1)				RO	Bit		NC	PT	
10.08	Load reached	OFF (0) or On (1)				RO	Bit		NC	PT	
10.09	Drive output is at current limit	OFF (0) or On (1)				RO	Bit		NC	PT	
10.10	Regenerating	OFF (0) or On (1)				RO	Bit		NC	PT	
10.11	Braking IGBT active	OFF (0) or On (1)				RO	Bit		NC	PT	
10.12	Braking resistor alarm	OFF (0) or On (1)				RO	Bit		NC	PT	
10.13	Direction commanded	OFF (0) or On (1) [0 = FWD, 1 = REV]				RO	Bit		NC	PT	
10.14	Direction running	OFF (0) or On (1) [0 = FWD, 1 = REV]				RO	Bit		NC	PT	
10.15	Mains loss	OFF (0) or On (1)				RO	Bit		NC	PT	
10.16	Under voltage active	OFF (0) or On (1)				RO	Bit		NC	PT	
10.17	Overload alarm	OFF (0) or On (1)				RO	Bit		NC	PT	
10.18	Drive over temperature alarm	OFF (0) or On (1)				RO	Bit		NC	PT	
10.19	Drive warning	OFF (0) or On (1)				RO	Bit		NC	PT	
10.20	Trip 0	0 to 230*				RO	Txt		NC	PT	PS
10.21	Trip 1	0 to 230*				RO	Txt		NC	PT	PS
10.22	Trip 2	0 to 230*				RO	Txt		NC	PT	PS
10.23	Trip 3	0 to 230*				RO	Txt		NC	PT	PS
10.24	Trip 4	0 to 230*				RO	Txt		NC	PT	PS
10.25	Trip 5	0 to 230*				RO	Txt		NC	PT	PS
10.26	Trip 6	0 to 230*				RO	Txt		NC	PT	PS
10.27	Trip 7	0 to 230*				RO	Txt		NC	PT	PS
10.28	Trip 8	0 to 230*				RO	Txt		NC	PT	PS
10.29	Trip 9	0 to 230*				RO	Txt		NC	PT	PS
10.30	Full power braking time	0.00 to 400.00 s			See Table 11-7	RW	Uni				US
10.31	Full power braking period	0.0 to 1500.0 s			See Table 11-7	RW	Uni				US
10.32	External trip	OFF (0) or On (1)			OFF (0)	RW	Bit		NC		
10.33	Drive reset	OFF (0) or On (1)			OFF (0)	RW	Bit		NC		
10.34	No. of auto-reset attempts	0 to 5			0	RW	Uni				US
10.35	Auto-reset delay	0.0 to 25.0 s			1.0	RW	Uni				US
10.36	Hold drive healthy until last attempt	OFF (0) or On (1)			OFF (0)	RW	Bit				US
10.37	Action on trip detection	0 to 3			0	RW	Uni				US
10.38	User trip	0 to 255			0	RW	Uni		NC		
10.39	Braking energy overload accumulator	0.0 to 100.0 %				RO	Uni		NC	PT	
10.40	Status word	0 to 32,767				RO	Uni		NC	PT	
10.41	Trip 0 time: years.days	0.000 to 9.365 years.days				RO	Uni		NC	PT	PS
10.42	Module number for trip 0, or, Trip 0 time: hours.minutes	00.00 to 23.59 hours.minutes				RO	Uni		NC	PT	PS
10.43	Module number for trip 1, or, Trip 1 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.44	Module number for trip 2, or, Trip 2 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.45	Module number for trip 3, or, Trip 3 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.46	Module number for trip 4, or, Trip 4 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.47	Module number for trip 5, or, Trip 5 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.48	Module number for trip 6, or, Trip 6 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.49	Module number for trip 7, or, Trip 7 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.50	Module number for trip 8, or, Trip 8 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS
10.51	Module number for trip 9, or, Trip 9 time	0 to 600.00 hours.minutes				RO	Uni		NC	PT	PS

RW	Read / Write	RO	Read only	Uni	Unipolar	Bi	Bi-polar	Bit	Bit parameter	Txt	Text string		
FI	Filtered	DE	Destination	NC	Not cloned	RA	Rating dependent	PT	Protected	US	User save	PS	Power down save

*The value given for the range is that obtained via serial communication. For the text string displayed on the drive, see Chapter 13 *Diagnostics* on page 275.

Table 11-7 Defaults for Pr 10.30 and Pr 10.31

Drive rating	Pr 10.30	Pr 10.31
200V, size 1 & 2	0.04	2.0
400V, size 1 & 2	0.02	2.0
All other ratings and frame sizes	0.00	