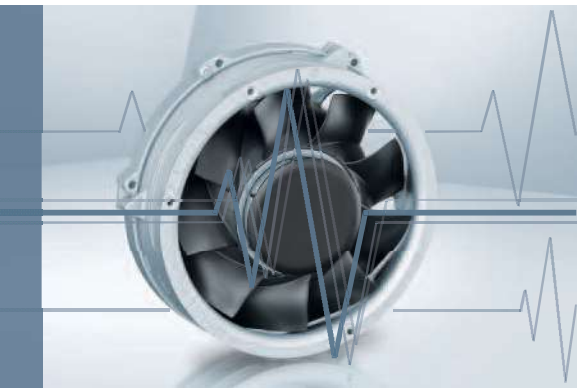


Alarm signal /39

Go / NoGo alarm



- Alarm signal for speed monitoring
- Signal output via open collector
- The fan emits a continuous low signal during trouble-free operation within the permissible voltage range.
- High signal when speed limit is not reached
- After elimination of the fault, the fan returns to its setpoint speed; the alarm signal reverts to low.

Alarm signal data	Alarm output voltage U_A Low	Condition:	Condition: $I_{sink} =$	Alarm output voltage U_A High	Condition:	Condition: I_{source}	Alarm operating voltage U_{BA} max.	Max. permissible Sink current I_{sink}	Alarm delay time t_f	Condition:	Speed limit n_G	Fan description Basic type
Type	VDC		mA	VDC		mA	VDC	mA	s		min ⁻¹	Page
412/39	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	33
612 F/39 H	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	36
614 N/39 M	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	39
618 N/39 N	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	39
3412 N/39 H	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	48
3414 N/39 HH	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	48
4412 F/39 GL	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	53
4412 F/39 M	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	53
4414 F/39	≤0.5	$n > n_G$	2	≤28	$n = n_G$	0	28	10	<1	*	0	53
4414 FN/39 H	≤0.4	$n > n_G$	2	≤30	$n = n_G$	0	30	4	<1	*	0	55

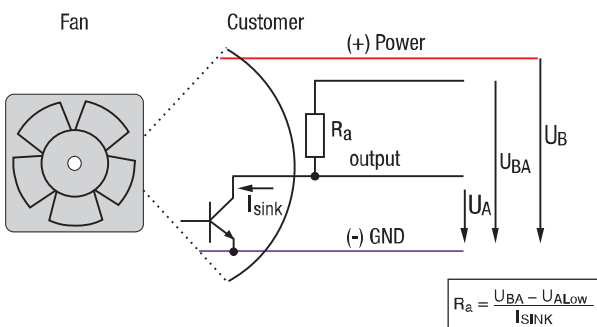
Subject to change

* After switching on U_B

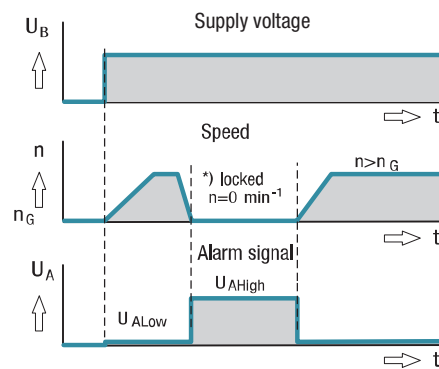
Note:

Fans that come with these fan specials could have variations with respect to the temperature range, voltage range, and power consumption compared to standard fans without specials.

Electrical hookup



All voltages measured to ground
External load resistor R_a from U_A to U_{BA} required.



* Speed limit $n_G = 0$ rpm