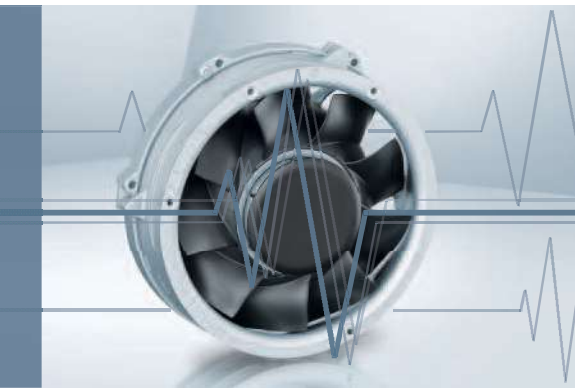


Alarm signal /37

Go / NoGo alarm



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

Alarm signal data	Alarm output voltage U_A Low	Condition:	Condition: $I_{\text{sink}} =$	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		
8412 N/37 GMLV	≤ 0.4	$n \leq n_G$	2	≤ 28	$n > n_G$	0	28	10	<1	*	0	45
3412 N/37 GV	≤ 0.4	$n \leq n_G$	2	≤ 28	$n > n_G$	0	28	10	<1	*	0	49
Subject to change										* After switching on U_B		

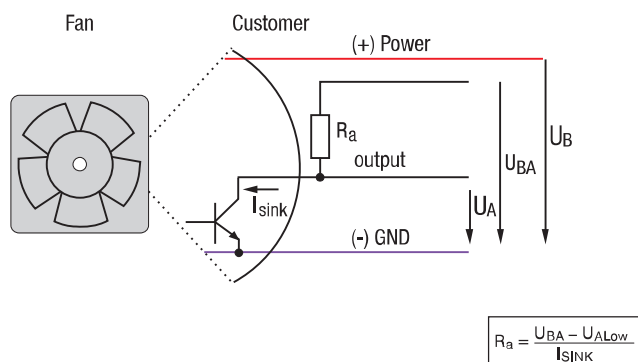
Note:

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.

Available on request:

- Alarm circuit TTL compatible.

Electrical hookup



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

