DUELCO NST-2009D SAFETY RELAY WITH TIMED OUTPUTS

42080021
NST2009D Cat 4 E-Stop Relay 24Vac/dc with Delayed Outputs

- Safety Category 4 (PLe)
- 2 NO safety outputs + 1 NC signal output
- 2 NO delayed outputs (0 - 600 sec)
- Status-/fault indication via LEDs
- Short circuit monitoring

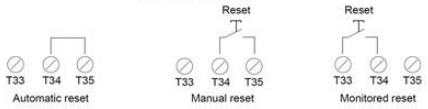
Product description

Flexible safety relay with time delayed outputs for the highest safety category.

Specifications

Approvals	CE, cULus
IP Class Connection	IP20
IP Class Housing	IP40
Lifespan Mechanical	1 million
PL	e
Safety category	4
Safety outputs NO	4
Signal output NC	1
Supply voltage	24V AC/DC
Temperature range from	-25
Temperature range to	50
Tolerance	±10%

RESET TYPES

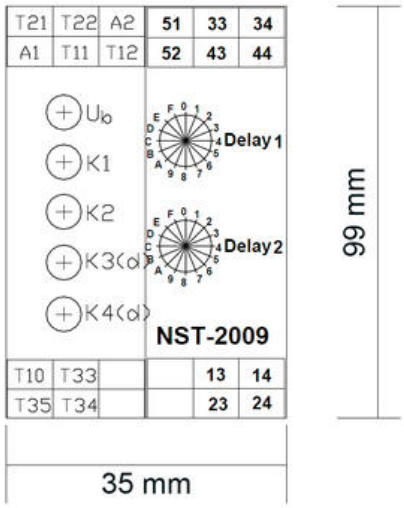


TIME DELAY TABLE - 0 - 600 SEC.

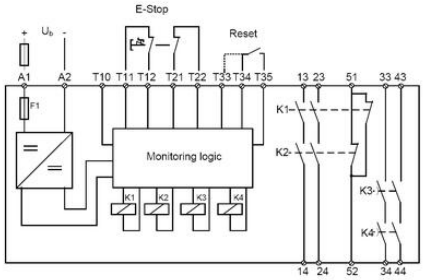
0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0,05	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,9	1	1,1	1,2	1,3	1,4	1,5
0,25	0,5	1	1,5	2	2,5	3	3,5	4	4,5	5	6	7	8	9	10
1,5	3	6	9	12	15	18	21	24	27	30	36	42	48	54	60
15	30	60	90	120	150	180	210	240	270	300	360	420	480	540	600

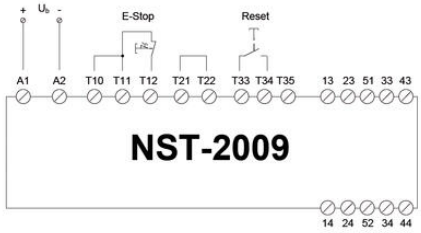
STATUS TABLE, LED'S

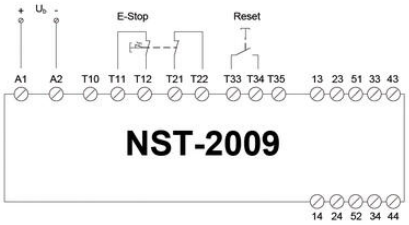
LED Ub	LED K1	LED K2	LED K3	LED K4	Interpretation / Possible Fault (depends on which connection example is being used)
ON	OFF	OFF	OFF	OFF	Supply OK
OFF	OFF	OFF	OFF	OFF	Supply not connected or missing / bad connection
ON	Blinking	Blinking	Blinking	Blinking	Monitoring circuit has not detected any faults and the relay is ready for reset
ON	ON	ON	ON	ON	Relay activated
ON	OFF	OFF	ON	ON	Emergency stop activated, time delay still active

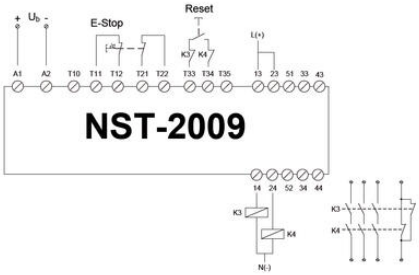


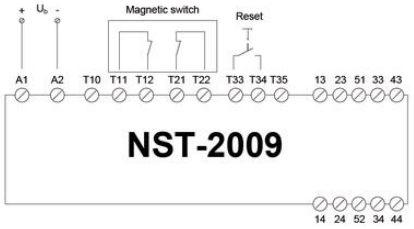
Depth 114,50mm

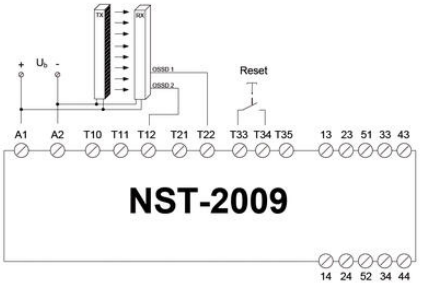




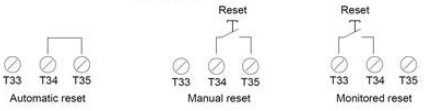








RESET TYPES



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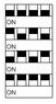

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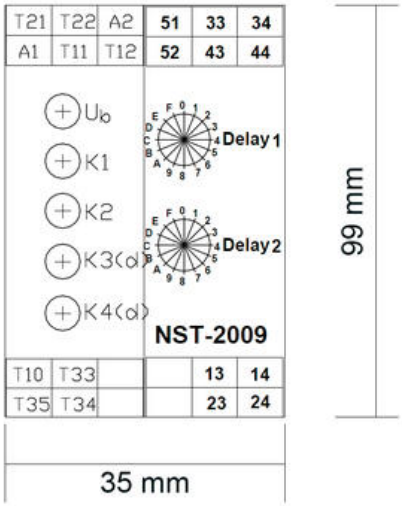
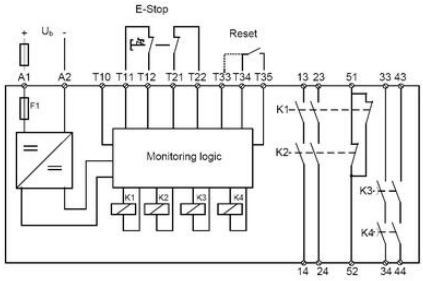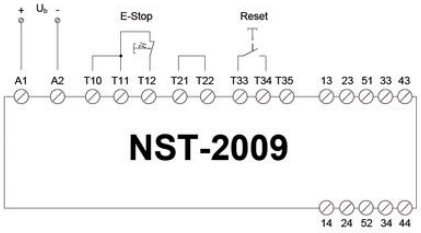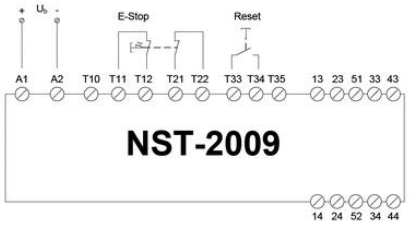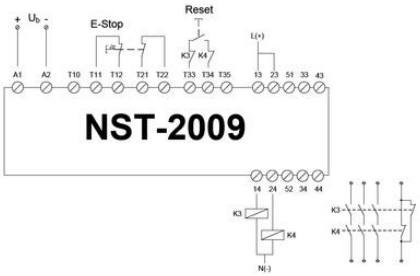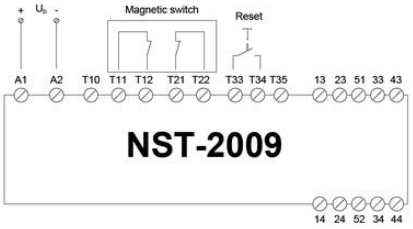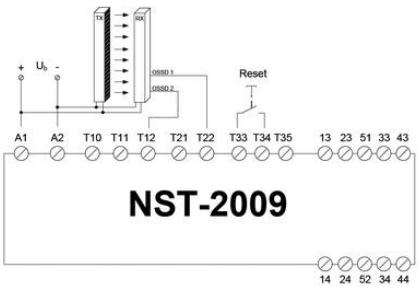
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