

Technical Data accessories

Pneumatic time delay block TDD4i

General parameters

Pneumatic time delay block with delayed auxiliary contact operations (ON and OFF delay types)

Suitable for contactors line Ex9C, Ex9Ci, Ex9CR and Ex9CRi, for front subsequent mounting

1 unit can be used with a contactor

Do not limit a possibility to install overload relay Ex9R

Electrical parameters

Contacts	1NO + 1NC
Delay type	ON, OFF
Time delay	0.1 - 3 s (C) 0.1 - 30 s (B) 10 - 180 s (A)
Rated operational voltage U_o	400 / 690 V AC 220 V DC
Minimum switching capacity	17 V / 5 mA
Rated frequency	50 Hz
Rated thermal current I_{th}	10 A
Rated op. current I_o , ut. cat. AC-15	3 A / 120 V, 1,5 A / 240 V, 0,95 A / 380 V, 0,6 A / 600 V, 0,52 A / 660 V
Rated op. current I_o , ut. cat. DC-13	0,26 A / 125 V, 0,15 A / 250 V
Rated ON control capacity $U_o \times I_o$	3600 VA AC / 33 W DC
Rated OFF control capacity $U_o \times I_o$	360 VA AC / 33 W DC
Min. operational current I_{min}	5 mA AC/DC
Rated impulse withstand voltage U_{imp}	6 kV
Rated insulation voltage U_i	660 V
Max. back-up fuse	10 A gG/gL
Conditional short circuit current I_k with max. back-up fuse	1 kA

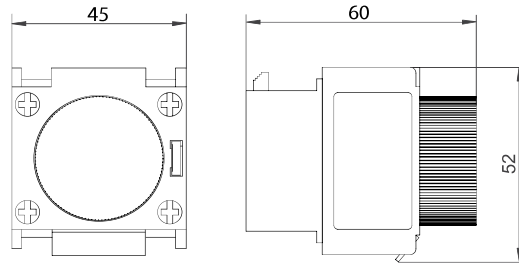
Mechanical parameters

Device width	45 mm
Device height	52 mm
Device depth	60 mm
Mounting	front onto Ex9C lines (Ex9C, Ex9Ci, Ex9CR, Ex9CRi) contactors
Mechanical service life	3 000 000 operating cycles
Degree of protection	IP20
Terminals	lift
Terminal capacity	1 — 2,5 mm ²
Fastening torque of terminals	0,8 Nm
Weight	0,06 kg

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Dimensions



Wiring diagram

