






Bimetallic Class 10 3UA6 Thermally Delayed Relays

Technical Data according to IEC 60 947-4-1

Auxiliary Circuit		3UA60 01-../	3UA60 01-../ 3UA62 01-../	3UA66	3UA68
Type					
Auxiliary contacts		1 NO + 1 NC	1 NO + 1 NC	1 NO + 1 NC	1 NO + 1 NC
Conductor cross-sections Terminal screw Solid or stranded Finely stranded with end sleeve Tightening torque		mm ² mm ² Nm lb. in	M 3 2 × (0.5 to 1.5); 2 × (0.75 to 2.5) 2 × (0.5 to 1.5); 2 × (0.75 to 2.5) 0.8 to 1.2 7 to 10.3	M 3.5 2 × (0.5 to 1); 2 × (1 to 2.5) 2 × (0.5 to 1); 2 × (0.75 to 2.5) 0.8 to 1.4 7 to 12	
Rated insulation voltage U_{imp} (pollution degree 3)		V	690	690	—
NC		V	—	—	690
NO and NC with unequal potential		V	—	—	400
NO and NC connected as changeover contact		V	—	—	690
Rated impulse withstand voltage U_{imp}		kV	6	6	6
Switching capacity NC at AC, AC-14/AC-15		Rated operational current I_e at U_e :			
	24V	A	4	4	2
	60V	A	—	—	1.5
	125V	A	—	—	1.25
	230V	A	3	3	1.15
	400V	A	1.5	1.5	1.1
	500V	A	—	—	1
	600V	A	0.6	0.6	—
	690V	A	—	—	0.8
NO at AC, AC-14/AC-15	Rated operational current I_e at U_e :				
	24V	A	2.2	2.2	2
	60V	A	—	—	1.5
	125V	A	—	—	1.25
	230V	A	1.5	1.5	1.15
	400V	A	0.8	0.8	1.1
	500V	A	—	—	1
	600V	A	0.6	0.6	—
	690V	A	—	—	0.8
NC/NO at DC, DC-13	Rated operational current I_e at U_e :				
	24V	A	1	1	2
	60V	A	—	—	0.5
	110V	A	0.15	0.15	0.3
	220V	A	0.1	0.1	0.2
Conventional thermal current I_{th}		A	6	6	—
Contact reliability	Suitable for PLC; 17V, 5 mA		yes	yes	—
Short-circuit protection					
Fuse links	Utilization category gL/gG	A	6	6	—
	fast	A	10	10	—
Miniature circuit breaker	C-characteristics	A	6	6	3
UL-ratings					
Rated voltage		AC V	—	—	400
Switching capacity			B 600, R 300	B 600, R 300	630
Box terminals block for installing as a single unit					
Type		3UX1 424			
For overload relays		3UA60			
Conductor cross-sections Terminal screw Solid or stranded Finely stranded with end sleeve		mm ² mm ²	M 6 2 × 25 to 70 2 × 25 to 50		