



Main

Range	TeSys
Product or component type	Time delay auxiliary contact block
Pole contact composition	1 NO + 1 NC
Connections - terminals	<p>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: solid - without cable end</p> <p>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: solid - with cable end</p> <p>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: solid - without cable end</p> <p>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: solid - with cable end</p> <p>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: flexible - without cable end</p> <p>Screw clamp terminals 2 cable 1...2.5 mm² - cable stiffness: flexible - with cable end</p> <p>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: flexible - without cable end</p> <p>Screw clamp terminals 1 cable 1...2.5 mm² - cable stiffness: flexible - with cable end</p>

Complementary

Mounting location	Front
[Ui] rated insulation voltage	<p>600 V - certifications CSA</p> <p>690 V - conforming to IEC 60947-5-1</p> <p>600 V - certifications UL</p>
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ith] conventional free air thermal current	10 A at ≤ 60 °C
Irms rated making capacity	<p>250 A at ≤ 690 V DC conforming to IEC 60947-5-1</p> <p>140 A at ≤ 690 V AC conforming to IEC 60947-5-1</p>
Permissible short-time rating	<p>140 A at -5...60 °C 100 ms</p> <p>120 A at -5...60 °C 500 ms</p> <p>100 A at -5...60 °C 1 s</p>
Protection type	GG fuse ≤ 10 A rating according to operational current for Ue ≤ 690 V
Associated fuse rating	10 A gG IEC 60947-5-1
Mechanical durability	5 Mcycles
Minimum switching current	5 mA
Minimum switching voltage	17 V
Non-overlap time	<p>1.5 ms on energisation (no overlap between NC and NO contact)</p> <p>1.5 ms on de-energisation (no overlap between NC and NO contact)</p>
Timer type	On delay
Time delay range	0.1...30 s
Insulation resistance	> 10 MOhm

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Environment

Environmental characteristic	Normal environment
Standards	BS 4794 EN 60947-5-1 IEC 60947-5-1 NF C 63-140 VDE 0660
Product certifications	CSA UL
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m without derating in temperature