

7GN12552U ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

| Product designation solutions whithes solutions whithes solutions solutions whithes product type designation 70N125 Product type designation 2 Switching diagram 3 Switching din the diagram 3 Switching din t | | | | Rotary cam |
|--|--|----------|-------------|-----------------|
| General characteristics 52 - Changeover switch 2 poles Switching diagram 52 - Changeover switch 2 poles N° of elements 2 Mounting form U - Front mounting with black handle Contract characteristics 1 Rated insulation voltage Ui IEC/EN V General characteristics 6 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 125 Rated operational impulse voltage KV 6 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 Rated operational impulse voltage KV 6 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 Conductivity 105 mA/V 005 mA/V 00 Operational current lew 1s kA 2100 Rated operational power in AC A 125 380/400V A AC1/AC21A 220/230V KW 18.5 380/440V 33 Single-pha | Product designation | | | |
| Switching diagram 52 - Changeover switch 2 poles N° of elements 2 Mounting form To elements 2 Contact characteristics Rated insulation voltage UI IEC/EN V 690 Rated insulation voltage Uinp KV 6 6 Conventional free air thermal current Ith IEC/EN A 125 Rated operational voltage V 690 6 Rated operational impulse voltage KV 6 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 50kA A 100 Rated short time current Icw 1s KA 2100 63kA 100 Rated short time current Icw 1s KA 2100 10/5 mA/V 0 Operational current Ic K 100/5 mA/V 10/5 mA/V 0 220/230V A 28 20/2230V A 15 5 380/400V A 15 Rated operational power in AC <t< th=""><th></th><th></th><th></th><th>7GN125</th></t<> | | | | 7GN125 |
| Switch 2 poles switch 2 poles N° of elements 2 Mounting form U - Front mounting with black handle Contact characteristics IEC/EN V Rated insulation voltage Ui IEC/EN V 690 | General characteristics | | | 52 - Changeover |
| Mounting form U - Front mounting with black handle Rated insulation voltage Ui IEC/EN V 680 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN X 6 Conventional ripeuse voltage V 690 8 Rated operational inpulse voltage KV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 50kA A 100 Conductivity 10k/A A 125 15kA A 100 Rated operational impulse voltage KV 6 | Switching diagram | | | 5 |
| Mounting form mounting with black handle Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uipp KV 6 Conventional free air thermal current Ith IEC/EN A 125 Rated operational voltage V 690 690 Rated operational impulse voltage KV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 25kA A 100 25kA A 100 25kA A 100 25kA A 100 25kA A 100 26kA A 100 25kA A 100 250kA A 100 5kA A 100 26kA A 100 5kA A 100 Conductivity 1s kA 2100 20/030V A 25 | N° of elements | | | |
| Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 125 UL/CSA A 130 Rated operational impulse voltage KV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 Rated operational impulse voltage KV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 Conductivity 10KA A 125 Conductivity 10/K A 100 Conductivity 10/S KV 6 Conductivity 10/S Rated operational current Icw AC1/AC21A A 125 AC1/AC21A A 1220/230V A | Mounting form | | | mounting with |
| IEC/EN V 690 (ULCSA Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current lth IEC/EN A 125 Conventional free air thermal current lth IEC/EN A 125 Rated operational voltage V 690 600 Rated operational impulse voltage V 690 Rated operational impulse voltage V 6 Maximum fuse size for short-circuit protection ln (gG) 10kA A 125 15kA A 100 50kA A 100 25kA A 100 63kA A 100 Rated short time current lcw 1s kA 210 Conductivity 10/5 mA/V Operational current le IEC/EN A 125 A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V | Contact characteristics | | | |
| UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 125 Rated operational voltage V 690 6 Rated operational impulse voltage KV 6 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 63kA A 100 Rated short time current Icw 10k A 125 10k Conductivity 10/5 mA/V 10/5 mA/V 00 220/230V A 100 Conductivity 10/5 mA/V 10/5 mA/V 0 220/230V A 125 AC1/AC21A A 125 10/V A 125 AC1/AC21A A 125 380/40V A 15 Geo/6/690V A 5 5 5 5 Rated operational power in AC | Rated insulation voltage Ui | | | |
| Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 125 Rated operational voltage V 690 Rated operational impulse voltage KV 6 Maximum fuse size for short-circuit protection ln (gG) 10kA A 125 15kA A 100 25kA A 100 Staka A 100 50kA A 100 Rated short time current lcw 1s kA 2100 63kA A 100 Conductivity 1s kA 2105 10/5 mA/V V 60/69/0V A 25 AC1/AC21A A 125 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V KW 18.5 380/440V KW 33 Single-phase AC-3 110V KW 5 220/230V KW 15 Three-phase AC23A 220/230V KW | | | | |
| Conventional free air thermal current lth IEC/EN A 125 UL/CSA A 130 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 56kA A 100 63kA A 100 56kA A 100 Rated short time current lcw 1s kA 2100 10/5 mA/V Conductivity 1s kA 2100 10/5 mA/V Operational current le IEC/EN A 125 A A AC1/AC21A A 125 A A 15 660/690V A 15 500/690V KW 18.5 Rated operational power in AC Three-phase AC-3 220/230V KW 18.5 Single-phase AC-3 110V KW 5 220/230V KW 15 Three-phase AC-3 110V | Detection where with stear development lines | UL/CSA | | |
| IEC/EN A 125 Rated operational voltage V 690 Rated operational impulse voltage KV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 63kA A 100 63kA A 100 63kA A 100 Conductivity 1s kA 2100 00 Conductivity 10/5 mA/V 00 0 Qperational current le IEC/EN 10/5 mA/V 0 0 AC15 10/V A 40 220/230/V A 15 Rated operational power in AC 110/V A 40 220/230/V A 15 Rated operational power in AC 110/V X/W 18.5 380/400/V 37 Single-phase AC-3 110/V KW 5 380/40/V KW 15 Three-phase A | | | KV | 6 |
| UL/CSA A 130 Rated operational impulse voltage V 690 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection ln (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 63kA A 100 63kA A 100 63kA A 100 Rated short time current lcw 1s kA 2100 Conductivity 10/5 mA/V Operational current le IEC/EN A 125 AC15 | Conventional free air thermal current ith | | ٨ | 125 |
| Rated operational voltage V 690 Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection ln (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 63kA A 100 Rated short time current lcw 1s kA 2100 00 Conductivity 1s kA 2100 00 Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 15 660/600V A 5 5 380/400V A 15 660/60V A 5 380/40V KW 33 Single-phase AC-3 110V kW 5 220/230V kW 18.5 380/440V kW 13 380/440V kW 15 Three-phase AC23A 220/230V kW 11 380/440V kW | | | | |
| Rated operational impulse voltage kV 6 Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 63kA A 100 63kA A 100 53kA A 100 63kA A 100 53kA A 100 Conductivity 1s kA 2100 0 Conductivity 1s kA 2100 0 Qperational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 10V KW 37 500/690V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 | Rated operational voltage | 00/03/ | | |
| Maximum fuse size for short-circuit protection In (gG) 10kA A 125 15kA A 100 25kA A 100 25kA A 100 63kA A 100 63kA A 100 63kA A 100 63kA A 100 Conductivity 1s kA 2100 Conductivity 10/5 mA/V 0/5 mA/V Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V KW 18.5 380/440V kW 37 500/690V KW 33 Single-phase AC-3 110V kW 5 220/230V kW 15 110V KW 5 Single-phase AC-3 110V kW 5 220/230V kW 15 Three-phase AC23A | | | | |
| 10kA A 125 15kA A 100 25kA A 100 50kA A 100 63kA A 100 Conductivity 1s kA 2100 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 125 AC1/AC21A | | G) | | • |
| 25kA A 100 S0kA A 100 Rated short time current lcw 1s kA 2100 Conductivity 10/5 mA/V 00/5 mA/V Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 5 5 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/400V kW 33 3 5 5 Rated operational power in AC 110V kW 18.5 5 Rated operational power in AC 110V kW 33 3 Single-phase AC-3 110V kW 15 1 100/5 MA/40V kW 15 1 1 20/230V kW 15 1 1 380/440V kW 15 1 1 | | , | А | 125 |
| 50kA A 100 Rated short time current lcw 1s kA 2100 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 125 AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 5 7 7 7 Rated operational power in AC Three-phase AC-3 220/230V KW 18.5 380/400V A 5 Rated operational power in AC Three-phase AC-3 110V KW 33 5 Single-phase AC-3 110V kW 18.5 220/230V kW 11 380/440V kW 15 15 16 16 Three-phase AC23A 220/230V kW 30 380/440V 30 380/440V kW 15 Three-phase AC23A 220/230V kW 37 30 380/440V | | 15kA | А | 100 |
| Base A 100 Rated short time current lcw 1s kA 2100 Conductivity 10/5 mA/V 00/5 mA/V Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 5 5 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 33 Single-phase AC-3 110V KW 5 220/230V kW 11 380/440V kW 18.5 380/440V kW 13 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 36 Single-phase AC23A 110V KW 30 </td <td></td> <td>25kA</td> <td>А</td> <td>100</td> | | 25kA | А | 100 |
| Rated short time current lcw 1s kA 2100 Conductivity 10/5 mA/V 00/5 mA/V Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/400V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 5 5 5 5 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 5 5 5 5 Three-phase AC23A 220/230V kW 37 5 5 5 5 5 5 5 5 5 | | | А | |
| 1s kA 2100 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A AC1/AC21A A AC15 110V AC15 110V Rated operational power in AC 220/230V Three-phase AC-3 220/230V Single-phase AC-3 220/230V Single-phase AC-3 110V KW 18.5 380/440V kW 380/440V kW 220/230V kW 220/230V kW 220/230V kW 380/440V kW 380/640V kW 380/660V <t< td=""><td></td><td>63kA</td><td>A</td><td>100</td></t<> | | 63kA | A | 100 |
| Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 5 5 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 5 380/440V kW 15 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 5 5 5 5 Three-phase AC23A 220/230V kW 30 380/440V 845 5 Single-phase AC23A 10V kW 37 5 5 | Rated short time current Icw | | | |
| Operational current le IEC/EN AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 AC15 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 33 33 33 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 15 15 16 16 Three-phase AC23A 220/230V kW 30 380/440V 30 380/440V 37 35 Single-phase AC23A 110V kW 37 35 36 36 36 36 36 36 36 36 36 36 36 36 36 36 <td< td=""><td></td><td>15</td><td>kA</td><td></td></td<> | | 15 | kA | |
| AC1/AC21A A 125 AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 5 5 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 3 3 3 3 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 380/440V kW 15 3 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 5 3 3 3 Three-phase AC23A 220/230V kW 30 3 380/440V kW 45 5 500/690V kW 37 3 3 3 3 3 3 3 3 3 3 <t< td=""><td></td><td></td><td></td><td>10/5 mA/V</td></t<> | | | | 10/5 mA/V |
| AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 5 5 Rated operational power in AC 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 3 3 3 3 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 380/440V kW 15 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V 45 500/690V kW 37 30 380/440V 45 500/690V kW 37 30 38 38 Single-phase AC23A 110V kW 45 50 Single-phase AC23A | • | | | |
| AC15 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | ACT/ACZTA | | Δ | 125 |
| 110V A 40 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC-33 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan= 2"Colspan="2">Colspan="2"Colspa="2"Colspan="2"Colspa="2"Colspan="2"Colspa="2"C | AC15 | | Λ | 120 |
| 220/230V A 28 380/400V A 15 660/690V A 5 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/400V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW Single-phase AC23A | | 110V | А | 40 |
| 380/400V A 15 Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 33 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 380/440V kW 37 Three-phase AC23A 220/230V kW 30 380/440V kW 35 Three-phase AC23A 110V kW 37 30 380/440V kW 37 Single-phase AC23A 110V kW 37 37 | | | | |
| Rated operational power in AC Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 37 Single-phase AC23A | | | | |
| Three-phase AC-3 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 37 Single-phase AC23A 110V kW 5 | | 660/690V | А | 5 |
| 220/230V kW 18.5 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | | | | |
| 380/440V kW 37 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 Single-phase AC23A | Three-phase AC-3 | | | |
| 500/690V kW 33 Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | | | | |
| Single-phase AC-3 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | | | | |
| 110V kW 5 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | Cinalo abase AO 0 | 500/690V | KVV | 33 |
| 220/230V kW 11 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | Single-phase AC-3 | 110\/ | <i>L\\\</i> | 5 |
| 380/440V kW 15 Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | | | | |
| Three-phase AC23A 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | | | | |
| 220/230V kW 30 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | Three-phase AC23A | | | - |
| 380/440V kW 45 500/690V kW 37 Single-phase AC23A 110V kW 5 | | 220/230V | kW | 30 |
| Single-phase AC23A 110V kW 5 | | | | |
| 110V kW 5 | | 500/690V | kW | 37 |
| | Single-phase AC23A | | | |
| 220/230V kW 11 | | | | |
| | | 220/230V | kW | 11 |

7GN12552U

ENERGY AND AUTOMATION

7GN12552U ROTARY CAM SWITCH 7GN SERIES, CHANGEOVER SWITCH 2 POLES 125A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 90X90MM

| | | 380/440V | kW | 15 |
|-----------------------|---------------------------------------|----------|------------|-------------------|
| Rated operational cu | rrent in DC | | | |
| | DC21A | | | |
| | | 48V | А | 125 |
| | | 60V | А | 80 |
| | | 110V | А | 10 |
| | | 220V | A | 1.2 |
| | DC23A (poles in series) | | | |
| | | 24V | A | 125 (1) |
| | | 48V | Α | 125 (2) |
| | | 60V | A | 125 (3) |
| | | 110V | A | 50 (3) |
| | | 220V | A | 20 (4) |
| | DC13 | | _ | |
| | | 24V | A | 125 |
| | | 48V | A | 100 |
| | | 60V | A | 50 |
| Damas dia dia dia dia | | 110V | A | 4 |
| Power dissipation | | | W | 6.3 |
| Mechanical features | | | | MOYE |
| Terminals screw | terminale may | | Nine | M2X5 |
| Tightening torque for | terminais max | | Nm | 2 |
| Conductor size | ANAC Digid cable | | | |
| | AWG - Rigid cable | min | | 1 / |
| | | min | AWG | 14 |
| | AWG - Flexible cable | Max | AWG | 1/0 |
| | AWG - Flexible cable | min | | 1 / |
| | | min | AWG AWG | 14 1/0 |
| | Conductor size (IEC) - Flexible cable | Max | AWG | 1/0 |
| | Conductor size (IEC) - Flexible cable | min | mm² | 2.5 |
| | | Max | mm² | 50 |
| | Conductor size (IEC) - Rigid cable | IVIAA | 111111 | 50 |
| | | min | mm² | 2.5 |
| | | Max | mm² | 50 |
| Mechanical life | | IVIDA | cycles | 1X10 ⁶ |
| UL technical data | | | Cycles | 1710 |
| Motor power for direc | t-on-line control | | | |
| | for three-phase motor | | | |
| | | 120V | HP | 15 |
| | | 240V | HP | 25 |
| | | 480V | HP | 50 |
| | | 600V | HP | 40 |
| | for single-phase motor | | | - |
| | | 120V | HP | 5 |
| | | 240V | HP | 15 |
| Ambient conditions | | | | |
| Temperature | | | | |
| | Operating temperature | | | |
| | | min | °C | -25 |
| | | max | °C | +55 |
| | Storage temperature | | | |
| | | min | °C | -40 |
| | | max | °C | +70 |
| | | | | |

7GN12552U

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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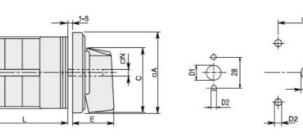
ENERGY AND AUTOMATION

Resistance & Protection

Frontal IP degree

Terminals IP degree

Dimensions



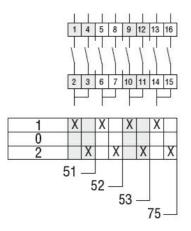
Standard drillings for 7GN125. Drillings on request for 4 screws fixing (4V version).

IP40

IP00

| Series | Dimensions | | | | | | | L Number of elements | | | | | | | | | | | | | |
|--------|------------|------|----|-----|-----|------|------|----------------------|----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Series | □A | С | ØD | ØD1 | ØD2 | Е | ØG | □K | ΠN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 7GN12 | 48 | 39.5 | 39 | 12 | 5 | 26.5 | 38 | 36 | 6 | 36.1 | 45.8 | 55.5 | 65.2 | 74.9 | 84.6 | 94.3 | 104 | 113.7 | 123.4 | 133.1 | 142.8 |
| 7GN20 | 48 | 39.5 | 39 | 12 | 5 | 26.5 | 38 | 36 | 6 | 36.1 | 45.8 | 55.5 | 65.2 | 74.9 | 84.6 | 94.3 | 104 | 113.7 | 123.4 | 133.1 | 142.8 |
| 7GN25 | 48 | 39.5 | 43 | 12 | 5 | 26.5 | 38 | 36 | 6 | 40.5 | 54.1 | 67.7 | 81.3 | 94.9 | 108.5 | 122.1 | 135.7 | 147.3 | 162.9 | 176.5 | 190.1 |
| 7GN32 | 65 | 53 | 58 | 14 | 5 | 34.5 | 58.5 | 48 | 7 | 46.5 | 61.6 | 76.7 | 91.8 | 106.9 | 122 | 137.1 | 152.2 | 167.3 | 182.4 | 197.5 | 212.6 |
| 7GN40 | 65 | 53 | 58 | 14 | 5 | 34.5 | 58.5 | 48 | 7 | 46.5 | 61.6 | 76.7 | 91.8 | 106.9 | 122 | 137.1 | 152.2 | 167.3 | 182.4 | 197.5 | 212.6 |
| 7GN63 | 65 | 53 | 62 | 14 | 5 | 34.5 | 58.5 | 48 | 7 | 50.3 | 68.4 | 86.5 | 104.6 | 122.7 | 140.8 | 158.9 | 177 | 195.1 | 213.2 | 231.3 | 249.4 |
| 7GN125 | 90 | 70.5 | 86 | 16 | 6 | 41.5 | 84 | 68 | 9 | 67.3 | 96.4 | 125.5 | 154.6 | 183.7 | 220.3 | 249.4 | 278.5 | 307.6 | 336.7 | 365.8 | 394.9 |

Wiring diagrams



Certifications and compliance

Compliance

| Compliance | |
|---------------------|---------------------|
| | CSA C22.2 n° 14 |
| | IEC/EN/BS 60947-1 |
| | IEC/EN/BS 60947-3 |
| | IEC/EN/BS 60947-5-1 |
| | UL60947-4-1 |
| Certificates | |
| | EAC |
| | UL |
| ETIM classification | |

ETIM 8.0

EC001105 - Offload switch

7GN12552U