

 Bremas Ersce SpA

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ISO 9001 Certified Quality System

Cod. CR0250006RT6



(Image is purely indicative)



Standard and Approvals

- Switch according to IEC/EN 60947-3
- Certified UL60947-4-1A and CAN/CSA C22.2 No. 60947-4-1-07
- Suitable as Manual Motor Controller

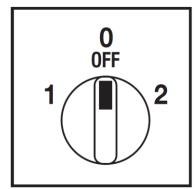


- · Change-over switch 2 pole
- IP20 Protection degree
- Rated operational current le: 25A (AC-21A)
- Rated thermal current Ith: 32A
- Rated insulation voltage Ui: 690V
- Rear mounting
- Fixing with 2 screw at 28mm vertical
- Switching angle: 60°
- Class V2 self-extinguishing thermoplastic housing
- Assembled with metal shaft and threaded stud bolts to ensure maximum operating reliability
- Positive opening double break contacts, silver alloy made.

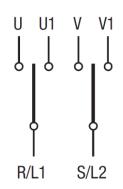
Technical characteristics: Knob

- Grey plate 67x67mm and black knob
- IP66 Protection degree
- Fixing:- 2 screw at 28mm vertical

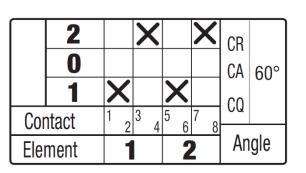
Positions



Electrical diagram



Electrical function

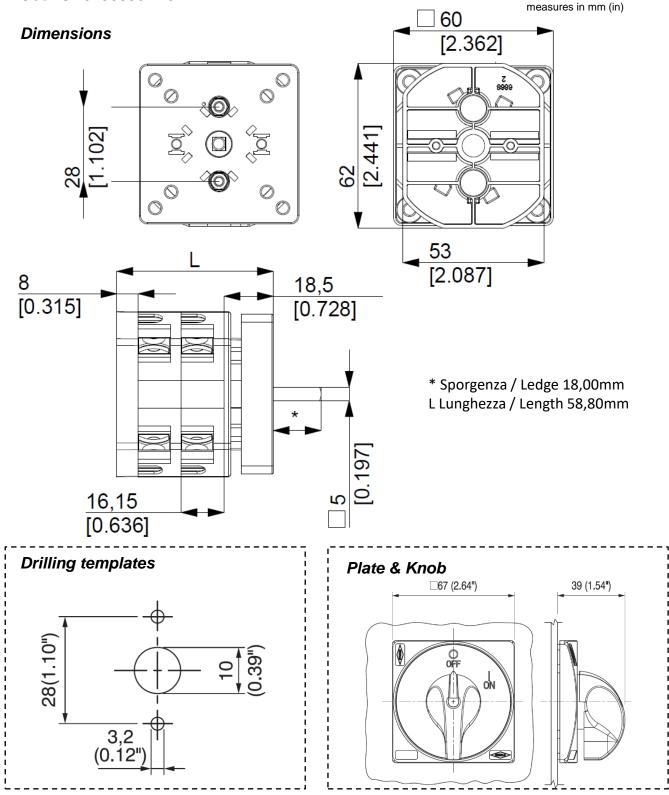


© 2017 Copyright Bremas Ersce. Subject to change without notice and errors excepted. Data reported in this paper are carefully checked and represent typical values of series production. The descriptions of the device and its applications, contexts of use, details of external controls, information on installation and operation are provided to the best of our knowledge. In any case, this does not mean that the features described may derive legal responsibilities that extend beyond the "Terms and Conditions" of Bremas Ersce. The customer / user is not absolved from the obligation to examine our information and recommendations and the relevant technical regulations before using the products for their own purposes.



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| Cycles/hr 120 connection according to IEC 9471-1 and EN 50947-1 Min-Max mm² 222,5-10 min-Max MM² 14-8 With flexible wires Min-Max MM² 14-8 With solid wires Min-Max mm² 222,5-16 onnection terminal screw dimensions Type M4 crew tightening torque Type M4 rew tightening torque Nm 1,7 rotection degree IEC 525 EN 60529 Type M2 erminals IP 20 mbient conditions IP 20 perating ambient temperature 'C -25 ± +55 corage ambient temperature 'C -30 ± +70 rikstand to constant humid according to IEC 60068 2-78 | Mechanical characteristics | | 240V 480V 600V | Hp (A) Hp (A) Hp (A) | 7,5 (22)/- 10 (14)/- 10 (11)/15 |
| ponnection according to IEC 9471-1 and EN 50947-1 ponnecting capability Min-Max mm² 2x2,5-10 Min-Max AWG 14-8 With solid wires Min-Max mm² 2x2,5-16 ponnection terminal screw dimensions Type M4 crew tightening torque Nm 1,7 rotection degree IEC 529 EN 60529 rotection degree IEC 529 EN 60529 IP 20 perating ambient temperature "C -25 ÷ +55 cores quabilent temperature "C -25 ÷ +55 porage ambient temperature "C -30 ÷ +70 -78 -78 | Mechanical characteristics Panel thickness | | 240V 480V 600V | Hp (A) Hp (A) Hp (A) mm | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 |
| Min-Max Mm² 2x2,5-10 Min-Max AWG 14-8 With solid wires Min-Max Mm2 2x2,5-16 onnection terminal screw dimensions Type M4 crew tightning torque Nm 1,7 rotection degree IEC 529 EN 60529 Nm 1,7 errainals IP 20 meint conditions IP 20 perating ambient temperature 'C -25 ± +55 orage ambient temperature 'C -30 ± +70 rikstand to constant humid according to IEC 60068 2-78 -278 | Mechanical characteristics | | 240V 480V 600V | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 |
| Min-Max AWG 14-8 With solid wires Min-Max mm² 222,516 onnection terminal screw dimensions Type M4 crew tightening torque Nm 1,7 cotection degree IEC 529 EN 60529 IP 20 erminals IP 20 mbient conditions - IP 20 praga ambient temperature - | Mechanical characteristics Panel thickness Mechanical life | | 240V 480V 600V | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 |
| Mith solid wires Min-Max mm² 222,516 onnection terminal screw dimensions Type M4 crew tightening torque Nm 1,7 ototection degree IEC 529 EN 60529 JP 20 erminals IP 20 mbient conditions S 1P 25 + 55 orage ambient temperature °C -25 + 55 -30 + +70 rikstand to constant humid according to IEC 60068 S 2-78 -278 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 | Wate Samita and and | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 |
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| rew tighening torque Nm 1,7 Nm 1,7 Nm 1,7 Vection degree IEC 529 EN 60529 Inhiert conditions perating ambient temperature 1P 20 mbient conditions fithstand to constant humid according to IEC 60068 Inhiert Constant humid according to IEC 60068 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) Cycles x 10 ⁶ Cycles/hr mm ² AWG | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 |
| rotection degree IEC 529 EN 60529 IP 20 erminals IP 20 mbient conditions "C -25 ÷ +55 corage ambient temperature "C -25 ÷ +55 corage ambient temperature "C -30 ÷ +70 fithstand to constant humid according to IEC 60068 2-78 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 1,5 120 2x2,5-10 14-8 2x2,5-16 |
| perminals IP 20 mbient conditions ************************************ | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr Mm ² AWG mm ² Type | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 |
| mbient conditions °C -25 ÷ +55 perating ambient temperature °C -25 ÷ +55 torage ambient temperature °C -30 ÷ +70 /ithstand to constant humid according to IEC 60068 2-78 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) Cycles x 10 ⁶ Cycles x 10 ⁶ Cycles/hr Mm ² AWG mm ² Type | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 |
| perating ambient temperature °C -25 ÷ +55 corage ambient temperature °C -30 ÷ +70 /ithstand to constant humid according to IEC 60068 2-78 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr Cycles/hr Mm ² AWG mm ² Type Nm | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 |
| orage ambient temprature °C -30 ÷ +70 /ithstand to constant humid according to IEC 60068 2-78 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr Cycles/hr Mm ² AWG mm ² Type Nm | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 |
| 2-78 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Ambient conditions | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) Cycles x 10 ⁶ Cycles/hr Cycles/hr Mm ² AWG mm ² Type Nm IP | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 20 |
| | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection grave dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Ambient conditions Operating ambient temperature | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm IP °C | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 20 20 |
| itenstand to cyclic numid according to IEC 60/068 2-30 | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Terminals Ambient conditions Operating ambient temperature Storage ambient temperature | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm IP °C | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 20 20 -25 ÷ +55 -30 ÷ +70 |
| | Mechanical characteristics Panel thickness Mechanical life Connection according to IEC 9471-1 and EN 50947-1 Connecting capability Connection terminal screw dimensions Screw tightening torque Protection degree IEC 529 EN 60529 Terminals Comperating ambient temperature Storage ambient temperature Withstand to constant humid according to IEC 60068 | | 240V 480V 600V Max | Hp (A) Hp (A) Hp (A) mm Cycles x 10 ⁶ Cycles/hr mm ² AWG mm ² Type Nm IP °C | 7,5 (22)/- 10 (14)/- 10 (11)/15 4 1,5 120 2x2,5-10 14-8 2x2,5-16 M4 1,7 20 -25 ÷ +55 -30 ÷ +70 2-78 |

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