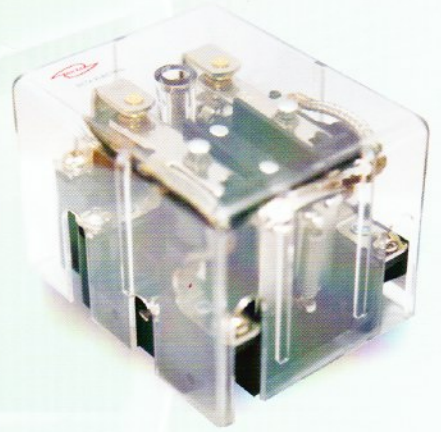


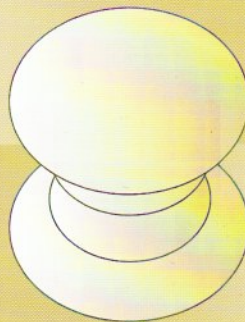


Relay & Components

ISO 9001:2008
GB/T 19001-2008



Relay &



ISO9001:2008

BETA ELECTRIC INDUSTRY CO., LTD.

| RELAY TYPE | | BM Y5 | BLY5-2C | BLY5-3C |
|---|-------------------------------|---|---|---|
| | |  |  |  |
| DIMENSIONS : L x W x H(mm) (Not including terminals) | | 27.4 x 21 x 34.7 | 27.4 x 21 x 35 | 30.8 x 27.4 x 35 |
| CONTACT ARRANGEMENT | | 2C, 3C, 4C | 2C | 3C |
| CONTACT RATING | | 3A: 3A 28VDC 3A 240VAC 2C3 Cos ϕ =0.4 1A 240VAC 4C3 L/R=7ms 1.5A 24VDC 5A: 5A 28VDC 5A 240VAC 2C5 Cos ϕ =0.4 2A 240VAC 4C5 L/R=7ms 2A 24VDC 10A: 8A 28VDC 10A 120VAC 2C10 Cos ϕ =0.4 5A 240VAC 3C10 L/R=7ms 5A 24VDC | Resistive Load 10A 28VDC 10A 240VAC MOTOR 1/3HP 120VAC 1/2HP 240VAC COS ϕ =0.4 5A 240VAC L/R=7ms 5A 24VDC | Resistive Load 10A 28VDC 10A 240VAC MOTOR 1/3HP 120VAC 1/2HP 240VAC COS ϕ =0.4 5A 240VAC L/R=7ms 5A 24VDC |
| LIFE | ELECTRICAL | 100,000 | 100,000 | 100,000 |
| | MECHANICAL | 10,000,000 | 10,000,000 | 10,000,000 |
| BREAK DOWN VOLTAGE | BETWEEN OPEN CONTACTS | 1500V | 1000V | 1000V |
| | BETWEEN CONTACTS & COIL | 1500V | 1500V | 1500V |
| | BETWEEN LIVE PARTS AND GROUND | 1500V | 1500V | 1500V |
| COIL VOLTAGE | DC | 6-110V | 6-110V | 6-110V |
| | AC | 6-240V | 6-240V | 6-240V |
| NOMINAL | DC | 0.9W | 0.9W | 1.44W |
| OPERATING POWER | AC | 1.2 VA | 1.2 VA | 2.0 VA |
| APPROVAL | | UL TUV CE | UL TUV CE | UL TUV CE |
| TERMINAL STYLE | |  |  |  |
| TERMINAL LAYOUT | |  |  |  |



| BLY5-4C | BLY6-1C | BTA 3 | BTA 5 | BTA 6 |
|---|---|--|--|---|
| 40.8 x 27.4 x 35 | 27.4 x 21 x 40.5 | 38 x 35 x 47.6 | 38 x 35 x 47.6 | 35.5 x 35 x 53 |
| 4C | 1C/1A | 1C, 2C, 3C | 1X, 1Y, 1Z | 1C,2C,3C,2A,3A |
| Resistive Load 10A 28VDC 10A 240VAC | Resistive Load 15A 28VDC 15A 240VAC | 1C, 13A 28VDC 2C 25A 300VAC 1-1/2HP 240VAC | Resistive Load 30A 28VDC 30A 300VAC | Resistive Load 10A 28VDC 10A 240VAC |
| MOTOR 1/3HP 120VAC 1/2HP 240VAC | MOTOR 1/3HP 120VAC 1/2HP 240VAC | 3C: 13A 28VDC 20A 277VAC(ballast) 1HP 240VAC | MOTOR 1HP 120VAC 1-1/2HP 200-600VAC | MOTOR 1/3HP 120VAC 1/2HP 240VAC |
| COSØ=0.4 5A 240VAC L/R=7ms 5A 24VDC | COSØ=0.4 5A 240VAC L/R=7ms 5A 24VDC | | | COSØ=0.4 5A 240VAC L/R=7ms 5A 24VDC |
| 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| 10,000,000 | 10,000,000 | 10,000,000 | 10,000,000 | 10,000,000 |
| 1000V | 1000V | 1000V | 1000V | 1500V |
| 1500V | 1500V | 1500V | 1500V | 1500V |
| 1500V | 1500V | 1500V | 1500V | 1500V |
| 6-110V | 6-110V | 6-120V | 6-120V | 6-110V |
| 6-240V | 6-240V | 6-240V | 6-240V | 6-240V |
| 1.0-2.2W | 0.9W | 1.2W-1.5W | 1.2W | 1.2-2.0W |
| 2.2-2.7 VA | 1.2 VA | 3VA-3.4 VA | 3.4 VA | 2-2.75 VA |
| UL TUV CE | NA | UL | UL | UL |

