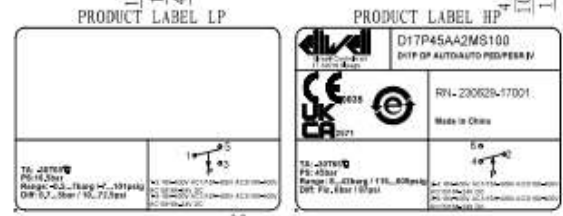
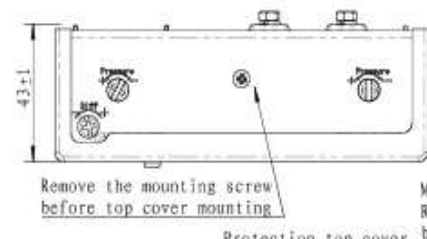
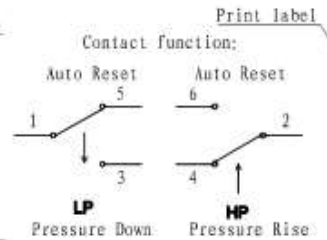
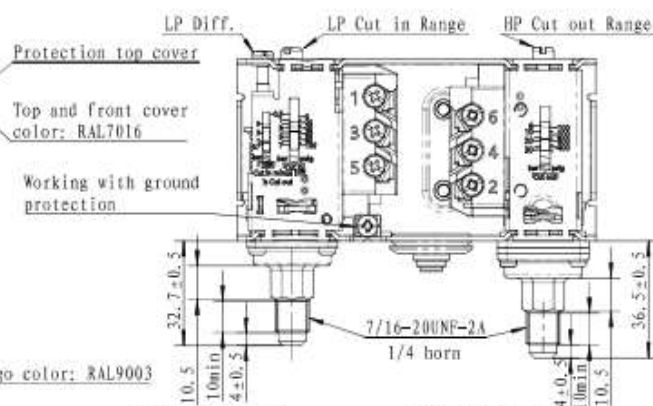
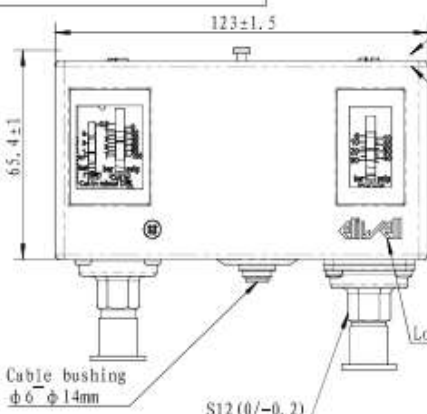


D17P45AA2MS100



Notes:

1. Refrigerant: R22, R134a, R404A, R407A, R407C, R407F, R422B, R422D, R438A, R448A, R449A, R507, R450A, R452A, R507A, R513A, R410A.
 2. P.S. (Maximum working pressure): LP: 16.5bar/239psi, HP: 45bar/652psi;
 3. Valve leakage: ≤2.83g/a, at LP: 16.5bar/239psi, HP: 45bar/652psi;
 4. Burst pressure: LP: >66bar/957psi; HP: >180bar/2610psi;
 5. Contact resistance: <100mΩ;
 6. Insulation resistance: ≥100MΩ (DC500V);
 7. Dielectric strength: Withstand AC1968V×1s, leakage current ≤2mA, No dielectric breakdown or flashover;
 8. Electric data:
- | | | | | |
|-------------------|-----|-----|------|----|
| Rated voltage (V) | AC1 | AC3 | AC15 | DC |
| | 400 | 400 | 400 | 24 |
| Rated amps (A) | 16 | 16 | 10 | 16 |
9. T.S. (Max. Allow Temperature): Ambient: -30℃~+65℃, Fluid: -40℃~+120℃;
 10. Protection rating: with top cover: IP44, without top cover: IP30;
 11. Other performances following the 2014/68/EU, EN12263 standards;
 12. Cut out and Cut in pressure gauges: Cut out-Diff.=Cut in.

Matters need attention:

1. The setting accuracy of Cut out pressure and Cut in pressure on the low and high side of the system should be measured and adjusted with a precise pressure gauge. The scale set on the product is an approximation only for reference.
2. When working, please use the grounding protection.
3. Cut out pressure on the low side must be higher than the absolute vacuum pressure (pe = -1 bar)!
4. During installation, Pay attention not to connect the high pressure (HP) part with the low pressure.
5. Do not replace installation screws of different lengths without authorization, so as to avoid affecting internal mechanism action or damaging internal structure.
6. When installing the controller, the joint and nut must be tightened with two wrenches.
7. When installing the outer cover of the controller, the outer cover shall be installed from top to bottom, and the tightening torque of the outer cover shall not be greater than 0.55N.m.

| MODEL | Pressure range [bar]/[psig] | Diff. range [bar]/[psi] | Reset | Factory setting | | | | |
|----------------|-----------------------------|-------------------------|---------------------|---------------------|--------------------|----------------------|----------------------|-----|
| | | | | Cut out [bar]/[psi] | Cut in [bar]/[psi] | Diff. [bar]/[psi] | Use terminals | |
| D17P45AA2MS100 | LP | -0.5...7 / -7...101.5 | 0.7...5 / 10...72.5 | Auto | 2 ± 0.2 / 29 ± 2.9 | 3 ± 0.2 / 43.5 ± 2.9 | 1 ± 0.2 / 14.5 ± 2.9 | 1-5 |
| | HP | 8...42 / 116...609 | Fix. 6/87 | Auto | 25 ± 0.5 / 363 ± 7 | 19/275.5 | 6/87 | 2-4 |

| | | | | | | | | | | | | | | | |
|-----------|--|--|--|--------------------|--|--|--|-----------|--|--|--|-------|--|--|--|
| Label NO. | | | | Charge Account No. | | | | Signature | | | | Date | | | |
| Designer | | | | Standard | | | | Checker | | | | Order | | | |
| Verifier | | | | Approval | | | | Processor | | | | Date | | | |

| | | | | | |
|----------------|--|--------|--|-------|--|
| D17P45AA2MS100 | | | | | |
| Marks | | Weight | | Ratio | |
| \$ | | 535.44 | | 1:1.5 | |
| Total | | Page | | | |

Pressure controller

Material:

eliwell Shanghai Control Valve & Instrument Co., Ltd. 10000 Shanghai, P.R. China