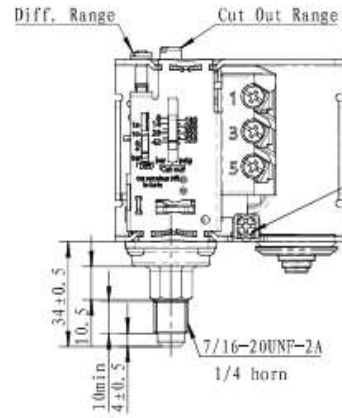
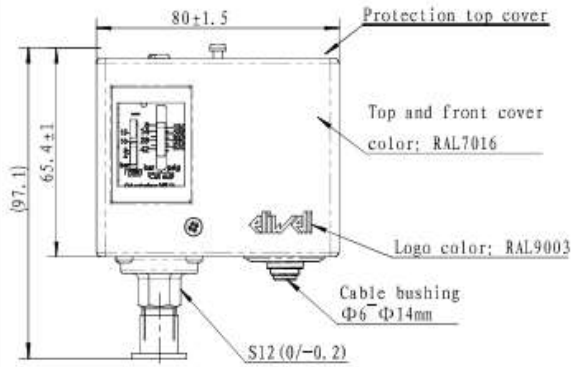
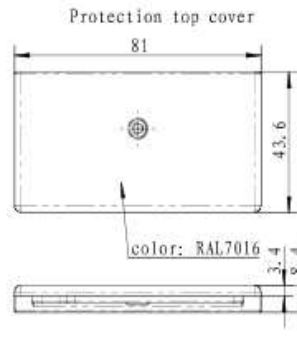
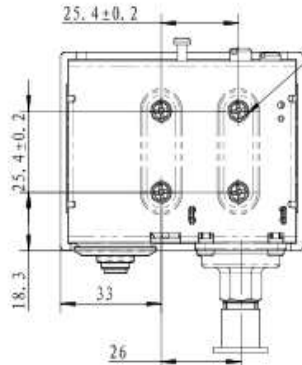
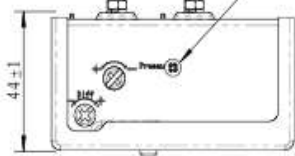


D16P45A02MS100

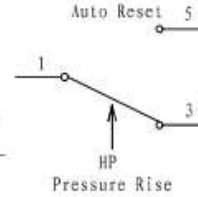


Mounting screws: 4 × M4
Remove the mounting screws before installation

Remove the mounting screw before top cover mounting



Contact Function:



Print label
Plastic cap

	D16P45A02MS100 D16P HP AUTO PEDIPESR IV
	0035
	2571
TA: -30T65°C PSI: 45bar Range: 8...42bar / 116...609psig Diff: 5...15bar / 72.5...217psi	 RN- 230629-13001 Made in China 1-3 116-400V AC/116-400V AC3 10-400V AC/116-24V DC 1-3 116-400V AC/116-400V AC3 10-400V AC/116-24V DC

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): 45bar/652psig;
3. Valve leakage: ≤2.83g/a, at 45bar/652psig;
4. Burst pressure: >180bar/2610psig;
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°C~+65°C, Fluid: -40°C~+120°C;
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
D16P45A02MS100	8...42/ 116...609	5...15/ 72.5...217	Auto	25 ± 0.5/ 363 ± 7	20 ± 0.5/ 290 ± 7	5 ± 0.5/ 72.5 ± 7	1-3

				Pressure Controller		D16P45A02MS100		
Label NO.		Change document NO.				Marks	Weight	Ratio
Designer		Standard		\$	300.93	1:1.5		
Checker		Order		Total		Page1		
Verifier		Approval		Elivell Controls S.p.A. Via dell'Industria 13 - Z.I. Indut. 22010 Alappio, Lecco Italy				
Processor		Date						