



FAN SPEED CONTROLLERS

SECTION INDEX

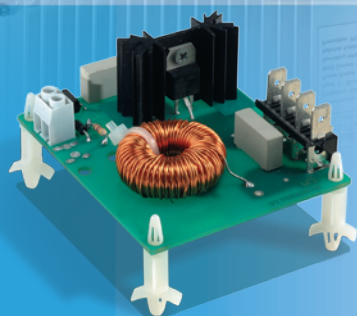
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176x200mm



139x158mm



73x70mm



D: 4 DIN Rail

XV SERIES: SINGLE-PHASE FAN SPEED CONTROLLERS

- Choked phase speed controllers to control pressure and temperature in refrigerating systems including cooling fans
- Inputs for regulation by temperature and pressure
- XM600 series compatible (4÷20mA/0÷10V or OC/PWM output) for anti-sweet heaters or evaporator fans applications
- Direct or inverse action for condenser or evaporator fans
- Cut off, minimum speed and max speed at start up functions
- Trigger output for managing another module
- 1VA max power absorption
- Measurement range: 0÷100%

HOW TO ORDER

XV05PD [X][V][0][5][P][D][-][5][0][0][0][0]

XV05/10/22PK [X][V][][][P][K][-][5][0][0][0][0]

XV100 [X][V][1][][][][-][5][B][C][D][0]

B	C	D
Format	Type of action	Regulation input
0 = DIN 5 = Enclosure IP55	D = Direct + Cut Off R = Inverse + Cut Off	N = NTC probe A = Current (4÷20mA) V = 0÷1V/0÷10V

XV100

SINGLE-PHASE SPEED CONTROLLERS



PD: 4 DIN Rail



PK: 73x70mm

XV05PD
XV05PK

Speed controllers designed for single-phase A.C. motors up to 500W, 2A, PWM input

XV10PK

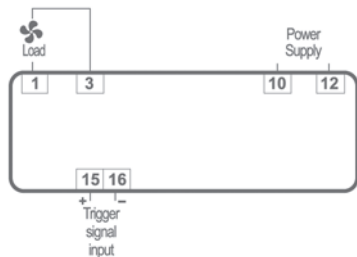
Speed controller designed for single-phase A.C. motors up to 1000W, 4A, PWM input

XV22PK

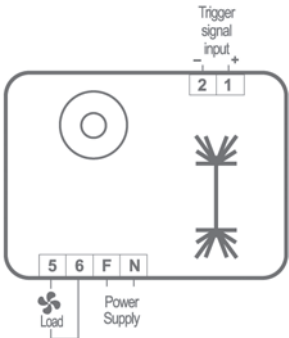
Speed controller designed for single-phase A.C. motors up to 2200W, 9,5A, PWM input

FEATURES	XV05PD	XV05PK	XV10PK	XV22PK
Power supply	230Vac	230Vac	230Vac	230Vac
Control input	PWM from XV100, XM600	PWM from XV100, XM600	PWM from XV100, XM600	PWM from XV100, XM600
Direct-inverse function				
Full speed input at start up				
Trigger signal	pres	pres	pres	pres
Minimum speed function				
Cut off function				

XV05PD



XV05PK
XV10PK
XV22PK



XV100

SINGLE-PHASE SPEED ADVANCED CONTROLLERS



D: 4 DIN Rail

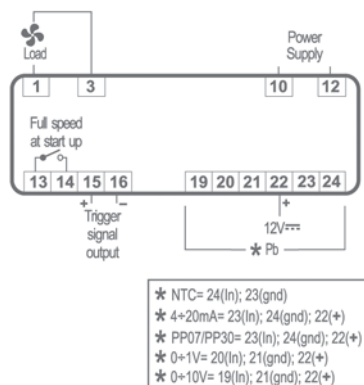
K: 139x158mm

K: 176x200mm

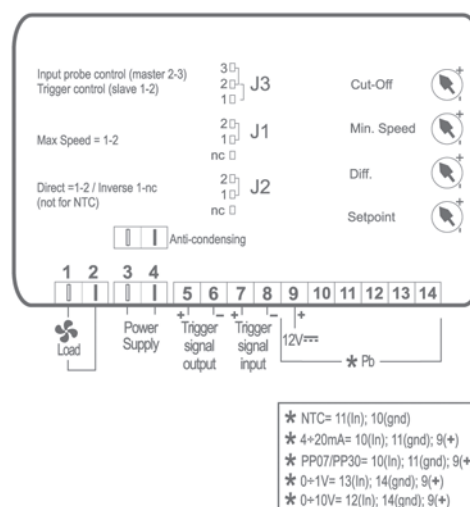
XV105D	Speed controller designed for single-phase A.C. motors up to 500W, with input for NTC, 4÷20mA, 0÷1V or 0÷10V
XV110K	Speed controller designed for single-phase A.C. motors up to 1kW, with input for NTC, 4÷20mA, 0÷1V or 0÷10V
XV150K	Speed controller designed for single-phase A.C. motors up to 5kW, with input for NTC, 4÷20mA, 0÷1V or 0÷10V

FEATURES	XV105D	XV110K	XV150K
Power supply	230Vac	230Vac	230Vac
Control input	NTC 4÷20mA 0÷1V/0÷10V	NTC 4÷20mA 0÷1V/0÷10V	NTC 4÷20mA 0÷1V/0÷10V
Direct-inverse function	pres	pres	pres
Full speed input at start up	pres	pres	pres
Trigger signal	pres	pres	pres
Minimum speed function	pres	pres	pres
Cut off function	pres	pres	pres

XV150D



XV110K
XV150K



ACCESSORY

XV-ACK: anti-condensing kit for XV110K and XV150K models

Resistance at 25°C (77°F): 100÷6000hm

Rated operating voltage: 120Vac or 220Vac

Max. operating voltage: 260Vac

Steady state current at 25°C (77°F): 12A±30% (120Vac) 9A±30% (220Vac)

