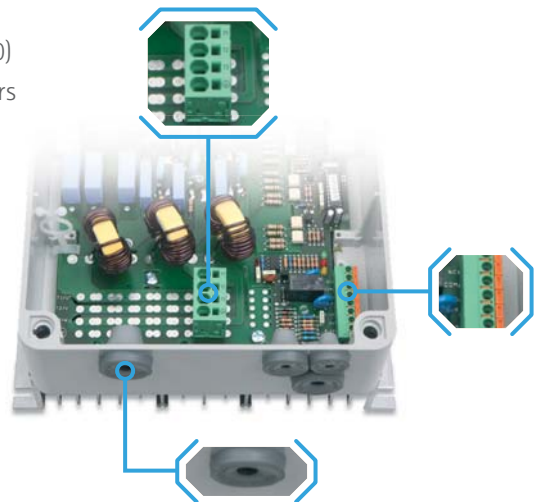




## XV300 SERIES: THREE-PHASE FAN SPEED CONTROL

- Chopped phase regulators designed for 3-phase fans with adjustable voltage motors
- Designed for adjustable voltage motors from 8 to 40A
- Oversized heat sinks for better heat disposal
- Integrated heat protection
- Oversized power stages
- Optimized radiofrequency filters
- Available with ABS self-extinguishing cover (IP55) or in aluminum (IP20)
- Less time spent for wiring operations thanks to the screwless connectors with useful cable protectors
- On board 0÷10V output to be used for testing operation
- Compatible with Dixell controllers equipped with PWM, 4÷20mA, 0÷10V outputs like the iPro, XC600, XM600, ... series



### HOW to ORDER

XV308/312/328/340K

X	V	3			K	-	7	0	1	0	0
---	---	---	--	--	---	---	---	---	---	---	---

XV310K

X	V	3	1	0	K	-	7	0	0	0	0
---	---	---	---	---	---	---	---	---	---	---	---

XV320K

X	V	3	2	0	K	-	7	0	C	0	0
---	---	---	---	---	---	---	---	---	---	---	---

C

#### Protection grade

0 = IP20

1 = IP55

# THREE-PHASE SPEED CONTROLLERS

# XV300

<b>XV308K</b>	Speed controller designed for three-phase A.C. motors up to 5,5kVA, 8A, with input for PWM, 4÷20mA or 0÷10V, dimension 165x230mm, weight 2,5Kg, power dissipation 30W
<b>XV310K</b>	Speed controller designed for three-phase A.C. motors up to 6,5VA, 10A, with input for PWM, 4÷20mA or 0÷10V, dimension 165x230mm, weight 3Kg, power dissipation 40W
<b>XV312K</b>	Speed controller designed for three-phase A.C. motors up to 8kVA, 12A, with input for PWM, 4÷20mA or 0÷10V, dimension 230x265mm, weight 4Kg, power dissipation 60W
<b>XV320K</b>	Speed controller designed for three-phase A.C. motors up to 13kVA, 20A, with input for PWM, 4÷20mA or 0÷10V, dimension 230x265mm, weight 4,8Kg, power dissipation 80W
<b>XV328K</b>	Speed controller designed for three-phase A.C. motors up to 19kVA, 28A, with input for PWM, 4÷20mA or 0÷10V, dimension 270x340mm, weight 7Kg, power dissipation 120W
<b>XV340K</b>	Speed controller designed for three-phase A.C. motors up to 26kVA, 40A, with input PWM, 4÷20mA or 0÷10V, dimension 270x340mm, weight 9Kg, power dissipation 155W



K: 165x230mm



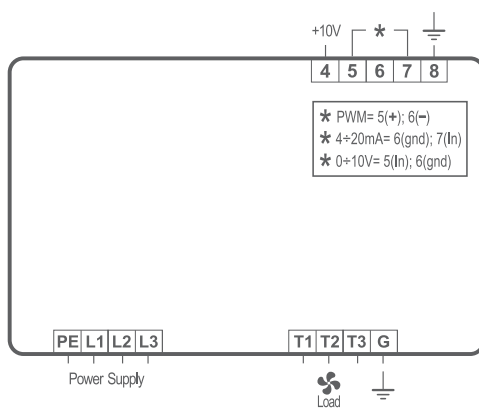
K: 230x265mm



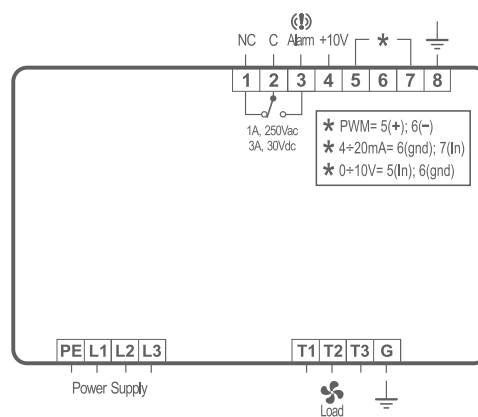
K: 270x340mm

FEATURES	XV308K	XV310K	XV312K	XV320K	XV328K	XV340K
<b>Power supply</b>	400Vac	400Vac	400Vac	400Vac	400Vac	400Vac
<b>Protection grade</b>	IP55	IP20	IP55	IP55, IP20	IP55	IP55
<b>Maximum load</b>	8A	10A	12A	20A	28A	40A
<b>Control input</b>	PWM 4÷20mA 0÷10V	PWM 4÷20mA 0÷10V	PWM 4÷20mA 0÷10V	PWM 4÷20mA 0÷10V	PWM 4÷20mA 0÷10V	PWM 4÷20mA 0÷10V
<b>Alarm relay</b>			1A, 250Vac 3A, 30Vdc	1A, 250Vac 3A, 30Vdc	1A, 250Vac 3A, 30Vdc	1A, 250Vac 3A, 30Vdc
<b>Auxiliary output</b>	10Vdc	10Vdc	10Vdc	10Vdc	10Vdc	10Vdc
<b>Supply LED</b>	pres	pres	pres	pres	pres	pres
<b>Alarm LED</b>	pres	pres	pres	pres	pres	pres
<b>Relay ON LED</b>			pres	pres	pres	pres

## XV308K - XV310K



## XV312K - XV320K - XV328K - XV340K





K: 175x200mm



K: 139x158mm



PK: 80x70mm



D: 4 DIN Rail

## XV05/10/22/100 SERIES: SINGLE-PHASE FAN SPEED CONTROL

- Chopped phase speed controllers to control pressure and temperature in refrigerating systems including cooling fans
- Inputs for regulation by temperature and pressure
- 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
- Slave models managed by the input signal (for XV100)
- Compatible with Dixell controllers equipped with PWM, 4÷20mA, 0÷1V/0÷10V outputs like the iPro, XC600, XM600, ... series
- 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

0 = DIN  
5 = Enclosure IP55

#### Type of action

D = Direct + Cut Off  
R = Inverse + Cut Off  
N = Slave (not for regulation input = N)

#### Regulation input

N = NTC probe  
A = Current (4÷20mA)  
V = 0÷1V/0÷10V

- XV05PD**  
**XV05PK** | Speed controllers designed for single-phase A.C. motors up to 500W, 2A, PWM input

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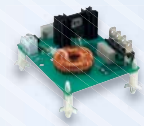
- XV10PK** | Speed controller designed for single-phase A.C. motors up to 1000W, 4A, PWM input

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- XV22PK** | Speed controller designed for single-phase A.C. motors up to 2200W, 9,5A, PWM input



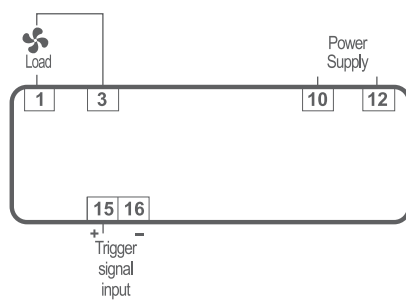
PD: 4 DIN Rail



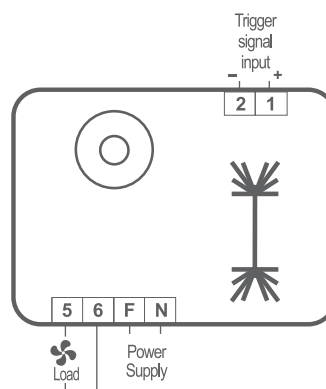
PK: 80x70mm

FEATURES	XV05PD	XV05PK	XV10PK	XV22PK
Power supply	230Vac	230Vac	230Vac	230Vac
Control input	PWM	PWM	PWM	PWM
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

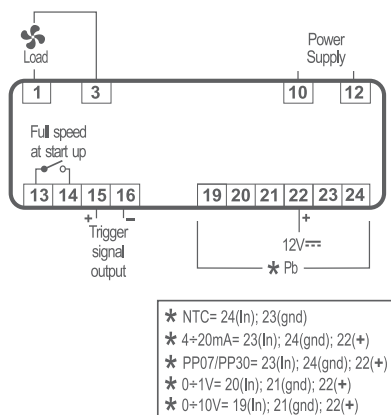


K: 175x200mm

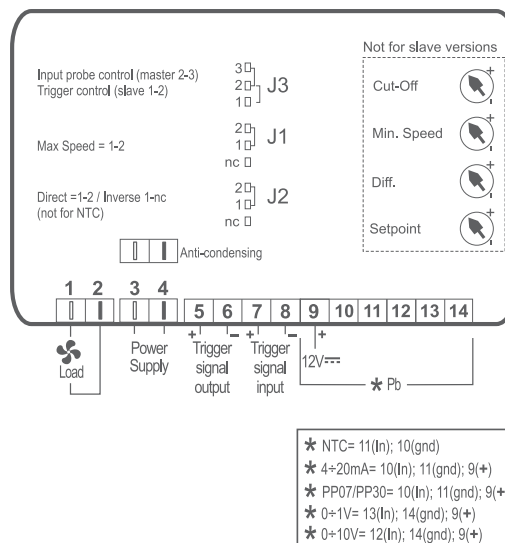
<b>XV105D</b>	Speed controller designed for single-phase A.C. motors up to 500W, with input for NTC, 4÷20mA, 0÷1V or 0÷10V
<b>XV110K</b>	Speed controller designed for single-phase A.C. motors up to 1kW, with input for NTC, 4÷20mA, 0÷1V or 0÷10V
<b>XV150K</b>	Speed controller designed for single-phase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

### XV105D



### 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)

