

FDIN1 SERIES



AC - DC DIN RAIL MOUNTABLE
10W CLASS 2 OUTPUT
INDUSTRIAL CONTROL EQUIPMENT

FEATURES

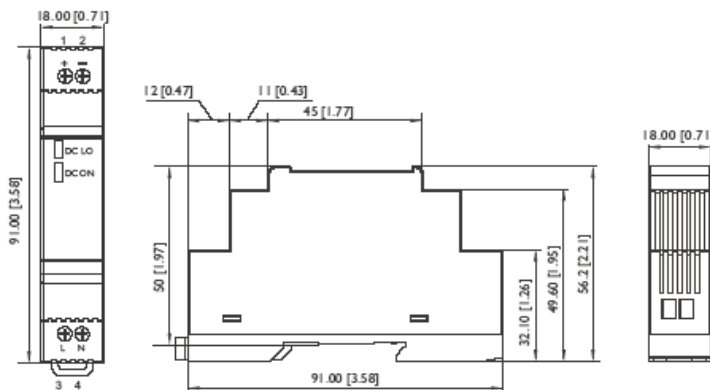
- AC/DC POWER MODULE
- UNIVERSAL INPUT 90~264VAC
- HIGH EFFICIENCY UP TO 80%
- SHORT CIRCUIT PROTECTION
- INTERNAL INPUT FILTER
- LOW PROFILE FOR BUILDING AUTOMATION

MODEL LIST

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (min.)	EFF. (typ.)
Single Output Models						
FDIN1-05	90~264 VAC	7.5 WATTS	+ 5 VDC	1500 mA	72%	74%
FDIN1-12	90~264 VAC	10 WATTS	+ 12 VDC	830 mA	76%	78%
FDIN1-15	90~264 VAC	10 WATTS	+ 15 VDC	670 mA	76%	78%
FDIN1-24	90~264 VAC	10 WATTS	+ 24 VDC	420 mA	78%	80%

MECHANISM & PIN CONFIGURATION

mm [inch]



CONSTRUCTION

Easy snap-on mounting onto the DIN-Rail (TS35/7.5 or TS35/15), unit sits safely and firmly on the rail; no tools required even to remove

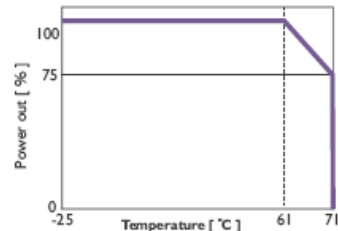
INSTALLATION

Ventilation / Cooling
Normal convection
All sides 25mm free space
For cooling recommended
Connector size range
Solid: 0.2-2.0mm² (AWG24-14)
(use copper conductors only)

PIN ASSIGNMENT

PIN NO	Designation	Description	
1	OUT	+	Positive output terminal
2		-	Negative output terminal
3	IN	L	Input terminals (phase conductor, no polarity at DC input)
4		N	Input terminals (neutral conductor, no polarity at DC input)
OTHER	DC ON	Operation indicator LED	
	DC LO	DC Low indicator LED	

DERATING



PHYSICAL CHARACTERISTICS

CASE SIZE	91 x 18 x 56.2 mm (3.58 x 0.71 x 2.21 inches)
CASE MATERIAL	Plastic
WEIGHT	60g

FDIN2 SERIES



AC - DC DIN RAIL MOUNTABLE
24W CLASS 2 OUTPUT
INDUSTRIAL CONTROL EQUIPMENT

FEATURES

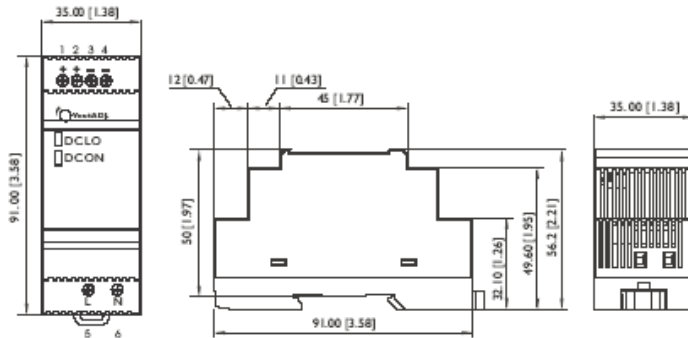
- AC/DC POWER MODULE
- UNIVERSAL INPUT 90~264VAC
- HIGH EFFICIENCY UP TO 85%
- SHORT CIRCUIT PROTECTION
- INTERNAL INPUT FILTER
- LOW PROFILE FOR BUILDING AUTOMATION

MODEL LIST

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (min.)	EFF. (typ.)
Single Output Models						
FDIN2-05	90~264 VAC	15 WATTS	+ 5 VDC	3000 mA	80%	82%
FDIN2-12	90~264 VAC	24 WATTS	+ 12 VDC	2000 mA	82%	84%
FDIN2-15	90~264 VAC	24 WATTS	+ 15 VDC	1600 mA	82%	84%
FDIN2-24	90~264 VAC	24 WATTS	+ 24 VDC	1000 mA	83%	85%

MECHANISM & PIN CONFIGURATION

mm [inch]



CONSTRUCTION

Easy snap-on mounting onto the DIN-Rail (TS35/7.5 or TS35/15), unit sits safely and firmly on the rail; no tools required even to remove

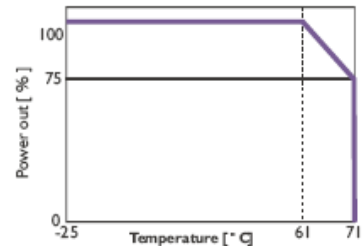
INSTALLATION

Ventilation / Cooling
Normal convection
All sides 25mm free space
For cooling recommended
Connector size range
Solid: 0.2-2.0mm² (AWG24-14)
(use copper conductors only)

PIN ASSIGNMENT

PIN NO.	Designation	Description
1	+	Positive output terminal
2	+	Positive output terminal
3	-	Negative output terminal
4	-	Negative output terminal
5	L	Input terminals (phase conductor; no polarity at DC input)
6	N	Input terminals (neutral conductor; no polarity at DC input)
	Vout ADJ.	Trimmer-potentiometer for Vout adjustment
	DC ON	Operation indicator LED
	DC LO	DC Low indicator LED

DERATING



PHYSICAL CHARACTERISTICS

CASE SIZE	91 x 35 x 56.2 mm (3.58 x 1.38 x 2.21 inches)
CASE MATERIAL	Plastic
WEIGHT	130g

FDIN3 SERIES



AC - DC DIN RAIL MOUNTABLE
36W CLASS 2 OUTPUT
INDUSTRIAL CONTROL EQUIPMENT

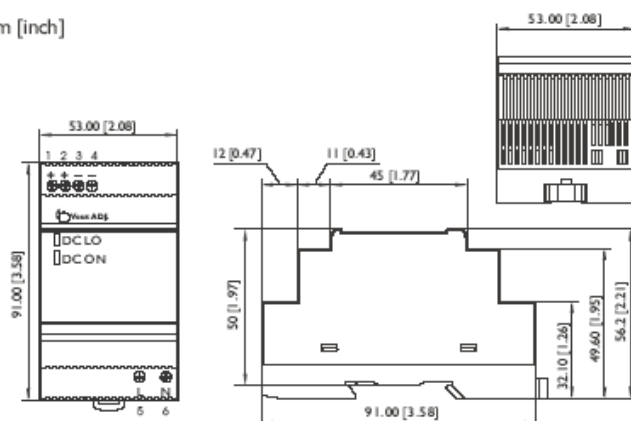
- AC/DC POWER MODULE
- UNIVERSAL INPUT 90~264VAC
- HIGH EFFICIENCY UP TO 84%
- SHORT CIRCUIT PROTECTION
- INTERNAL INPUT FILTER
- LOW PROFILE FOR BUILDING AUTOMATION

MODEL LIST

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (min.)	EFF. (typ.)
Single Output Models						
FDIN3-05	90~264 VAC	22.5 WATTS	+ 5 VDC	4500 mA	72%	75%
FDIN3-12	90~264 VAC	33 WATTS	+ 12 VDC	2750 mA	80%	83%
FDIN3-15	90~264 VAC	36 WATTS	+ 15 VDC	2400 mA	81%	84%
FDIN3-24	90~264 VAC	36 WATTS	+ 24 VDC	1500 mA	81%	84%

MECHANISM & PIN CONFIGURATION

mm [inch]



CONSTRUCTION

Easy snap-on mounting onto the DIN-Rail (TS35/7.5 or TS35/15), unit sits safely and firmly on the rail; no tools required even to remove

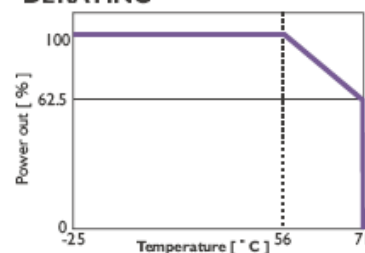
INSTALLATION

Ventilation / Cooling
Normal convection
All sides 25mm free space
For cooling recommended
Connector size range
Solid: 0.2-2.0mm² (AWG24-14)
(use copper conductors only)

PIN ASSIGNMENT

PIN NO.	Designation	Description
1	+	Positive output terminal
2	+	Positive output terminal
3	-	Negative output terminal
4	-	Negative output terminal
5	L	Input terminals (phase conductor; no polarity at DC input)
6	N	Input terminals (neutral conductor; no polarity at DC input)
	Vout Adj.	Trimmer-potentiometer for Vout adjustment
	DC ON	Operation indicator LED
	DC LO	DC Low indicator LED

DERATING



PHYSICAL CHARACTERISTICS

CASE SIZE	91 x 53 x 56.2 mm (3.58 x 2.08 x 2.21 inches)
CASE MATERIAL	Plastic
WEIGHT	185g

FDIN4 SERIES



AC - DC DIN RAIL MOUNTABLE
60W CLASS 2 OUTPUT
INDUSTRIAL CONTROL EQUIPMENT

FEATURES

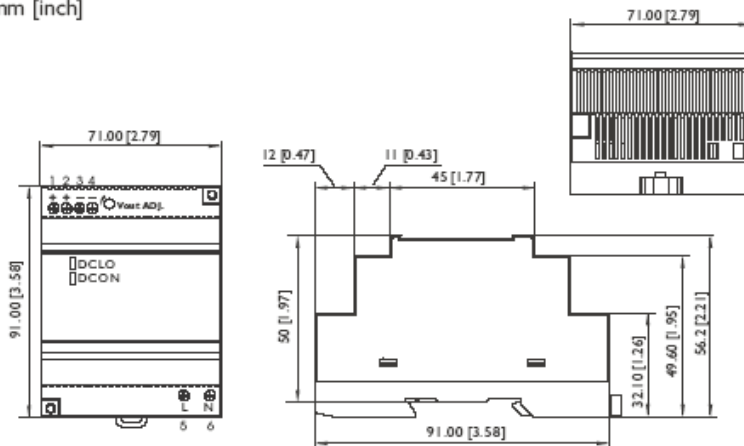
- AC/DC POWER MODULE
- UNIVERSAL INPUT 90~264VAC
- HIGH EFFICIENCY UP TO 86%
- SHORT CIRCUIT PROTECTION
- INTERNAL INPUT FILTER
- LOW PROFILE FOR BUILDING AUTOMATION

MODEL LIST

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (min.)	EFF. (typ.)
Single Output Models						
FDIN4-05	90~264 VAC	35 WATTS	+ 5 VDC	7000 mA	78%	80%
FDIN4-12	90~264 VAC	54 WATTS	+ 12 VDC	4500 mA	82%	84%
FDIN4-15	90~264 VAC	60 WATTS	+ 15 VDC	4000 mA	83%	85%
FDIN4-24	90~264 VAC	60 WATTS	+ 24 VDC	2500 mA	84%	86%

MECHANISM & PIN CONFIGURATION

mm [inch]



CONSTRUCTION

Easy snap-on mounting onto the DIN-Rail (TS35/7.5 or TS35/15), unit sits safely and firmly on the rail; no tools required even to remove

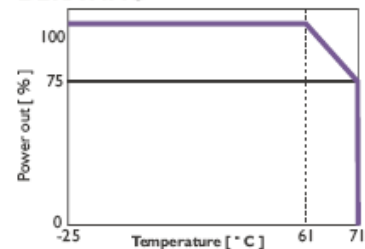
INSTALLATION

Ventilation / Cooling
Normal convection
All sides 25mm free space
For cooling recommended
Connector size range
Solid: 0.2-2.0mm² (AWG24-14)
(use copper conductors only)

PIN ASSIGNMENT

PIN NO.	Designation	Description
1	+	Positive output terminal
2	+	Positive output terminal
3	-	Negative output terminal
4	-	Negative output terminal
5	L	Input terminals (phase conductor; no polarity at DC input)
6	N	Input terminals (neutral conductor; no polarity at DC input)
	Vout ADJ.	Trimmer-potentiometer for Vout adjustment
	DC ON	Operation indicator LED
	DC LO	DC Low indicator LED

DERATING



PHYSICAL CHARACTERISTICS

CASE SIZE	91 x 71 x 56.2 mm (3.58 x 2.79 x 2.21 inches)
CASE MATERIAL	Plastic
WEIGHT	250g