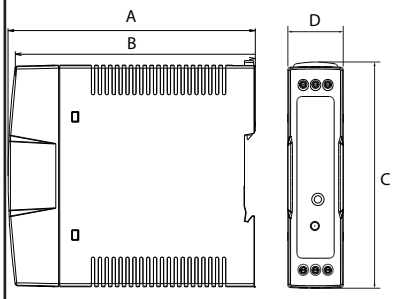
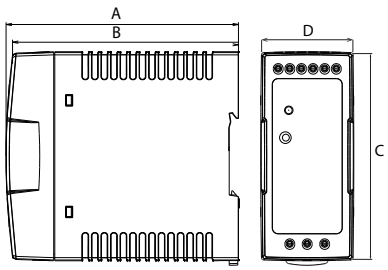
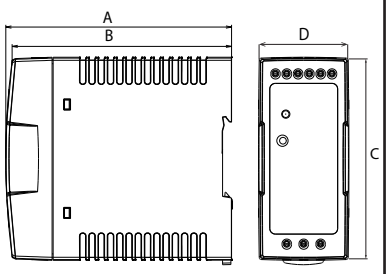
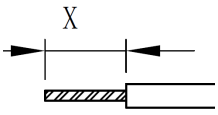
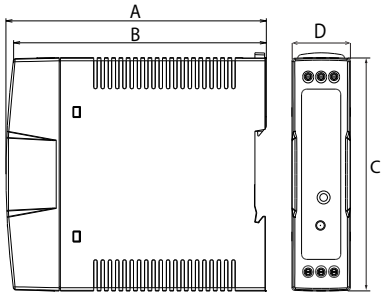
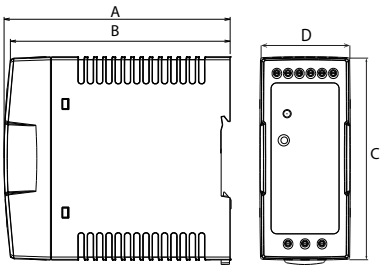
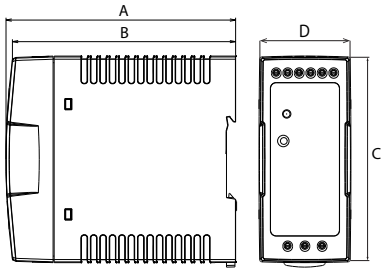
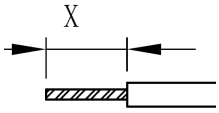
DATASHEET

Din Rail Power Supply

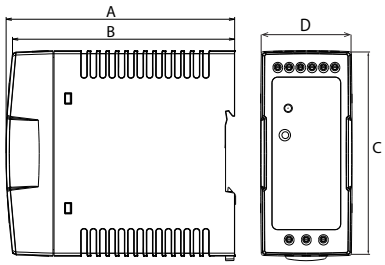
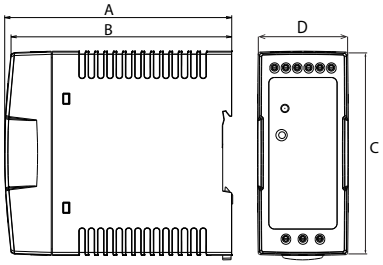
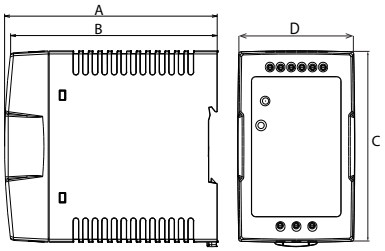
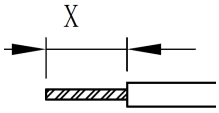
BN	3595571	3595572	3595573
Customer #	TC-YSD20L-2401000	TC-YSD60L-12003330	TC-YSD60L-24001700
Product name	Din Rail Power Supply 24 V/DC 1 A 24 W	Din Rail Power Supply 12 V/DC 3.33 A 40 W	Din Rail Power Supply 24 V/DC 1.7 A 40.8 W
Protection class	I	I	I
Rated input	100 - 240 V/AC 50/60 Hz 0.55 A	100 - 240 V/AC 50/60 Hz 1.1 A	100 - 240 V/AC 50/60 Hz 1.1 A
Frequency range	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
Standby Power Consumption	0.5 W	0.7 W	0.7 W
Rated output	24 V/DC 1.0 A 24.0 W	12 V/DC 3.33 A 40.0 W	24 V/DC 1.7 A 40.8 W
Efficiency (Typ.)	84 %	86 %	88 %
AC current (Typ.)	1.1 A/115 V/AC 0.7 A/230 V/AC	1.1 A/115 V/AC 0.7 A/230 V/AC	1.1 A/115 V/AC 0.7 A/230 V/AC
Inrush current (Typ.)	30 A/115 V/AC 60 A/230 V/AC	30 A/115 V/AC 60 A/230 V/AC	30 A/115 V/AC 60 A/230 V/AC
Leakage current	<1 mA/240 VAC	<1 mA/240 VAC	<1 mA/240 VAC
Power Factor Correction (PFC)	N/A	N/A	N/A
Ripple & Noise (max .)	150 mVp-p	120 mVp-p	150 mVp-p
Voltage tolerance	±2.0 %	±2.0 %	±2.0 %
Line regulation	±1.0 %	±2.0 %	±2.0 %
Load regulation	±5.0 %	±5.0 %	±5.0 %
Setup, rise time	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full oad	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load
Hold up time (Typ.)	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load
Voltage adjustment range	21.6 - 26.4 V/DC	12 - 14.8 V/DC	24 - 29 V/DC
Output voltage (min.)	21.6 V/DC	12 V/DC	24 V/DC
Output voltage (max)	26.4 V/DC	15 V/DC	30 V/DC
Output current (max)	1 A	3.33 A	1.7 A
Rated Power	24 W	40 W	40.8 W
Output power characteristic	Built-in DC OK relay contact	Built-in DC OK relay contact	Built-in DC OK relay contact
DC power good signal	YES	YES	YES
Withstand voltage	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH
DIN rail compatability	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)
Output connection type	Screw DIN terminal	Screw DIN terminal	Screw DIN terminal
Input / output connector pin count	Input: 3 poles Ouput: 3 poles	Input: 3 poles Ouput: 6 poles	Input: 3 poles Ouput: 6 poles
Outputs	1	1	1
Operating orientation	Vertical (input terminals down)	Vertical (input terminals down)	Vertical (input terminals down)
Protection mechanisms	Short circuit, over load, over voltage	Short circuit, over load, over voltage	Short circuit, over load, over voltage
Overload protection behaviour	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed

BN	3595571	3595572	3595573
Over voltage protection	Trip point: 27.6 - 32.4 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover	Trip point:15.6 - 18 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover	Trip point: 31.2 - 36 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover
Over temperature protection	N/A	N/A	N/A
Over voltage category	N/A	N/A	N/A
Cooling method	Convection	Convection	Convection
Fuse	T2A/L250	T3.15A/L250	T3.15A/L250
Max. connected products per circuit breaker	Type C16: 11 pcs Type D16: 14 pcs	Type C16: 6 pcs Type D16: 8 pcs	Type C16: 6 pcs Type D16: 8 pcs
Terminal screw torque	Inputs: 0.5N·m Outputs: 0.5N·m	Inputs: 0.4N·m Outputs: 0.4N·m	Inputs: 0.4N·m Outputs: 0.4N·m
Ingress protection	IP20	IP20	IP20
Operating conditions	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
Operating humidity	20 - 90 % RH (non-condensing)	20 - 90 % RH (non-condensing)	20 - 90 % RH (non-condensing)
Storage conditions	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Storage humidity	10 - 95 % RH (non-condensing)	10 - 95 % RH (non-condensing)	10 - 95 % RH (non-condensing)
Temperature derating	De-rating from 50 - 70 °C	De-rating from 60 - 70 °C	De-rating from 60 - 70 °C
Mean time between failures (MTBF)	317.7K hrs min. MIL-HDBK-217F (25 °C)	307.4K hrs min. MIL-HDBK-217F (25 °C)	307.4K hrs min. MIL-HDBK-217F (25 °C)
Weight	150 g	280 g	280 g
Dimensions (W x H x D)	23 x 92 x 100 mm	41 x 92 x 100 mm	41 x 92 x 100 mm
Dimension_drawing			
Dimension_data	A 100 ±1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 23 ± 1 mm	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 41 ± 1 mm	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 41 ± 1 mm
Wire cross section	DC cable: 24 - 12 AWG AC cable: 24 - 12 AWG	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG
Wire strip length 	DC cable: X = 6.8 mm AC cable: X = 6.8 mm	DC cable: X = 6.8 mm AC cable: X = 6.8 mm	DC cable: X = 6.8 mm AC cable: X = 6.8 mm

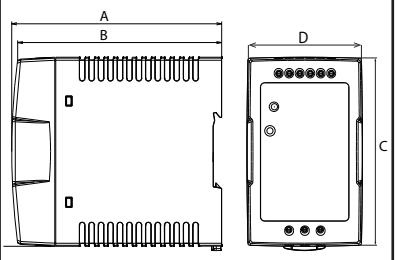
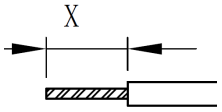
BN	3595574	3595575	3595576
Customer #	TC-YSD20L-1201670	TC-YSD60L-05010000	TC-YSD60L-12005000
Product name	Din Rail Power Supply 12 V/DC 1.67 A 20 W	Din Rail Power Supply 5 V/DC 10 A 50 W	Din Rail Power Supply 12 V/DC 5 A 60 W
Protection class	I	I	I
Rated input	100 - 240 V/AC 50/60 Hz 0.55 A	100 - 240 V/AC 50/60 Hz 1.1 A	100 - 240 V/AC 50/60 Hz 1.1 A
Frequency range	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
Standby Power Consumption	0.5 W	1 W	0.7 W
Rated output	12 V/DC 1.67 A 20.0 W	5 V/DC 10.0 A 50.0 W	12 V/DC 5.0 A 60.0 W
Efficiency (Typ.)	80 %	78 %	86 %
AC current (Typ.)	0.33 A/115 V/AC 0.21 A/230 V/AC	1.8 A/115 V/AC 1 A/230 V/AC	1.8 A/115 V/AC 1 A/230 V/AC
Inrush current (Typ.)	35 A/115 V/AC 70 A/230V/AC	30 A/115 V/AC 60 A/230V/AC	30 A/115 V/AC 60 A/230V/AC
Leakage current	<1 mA/240 VAC	<1 mA/240 VAC	<1 mA/240 VAC
Power Factor Correction (PFC)	N/A	N/A	N/A
Ripple & Noise (max .)	120 mVp-p	80 mVp-p	120 mVp-p
Voltage tolerance	±2.0 %	±2.0 %	±2.0 %
Line regulation	±1.0 %	±2.0 %	±2.0 %
Load regulation	±5.0 %	±5.0 %	±5.0 %
Setup, rise time	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at ull load	1000 ms, 30 ms/230 V/AC at ful lload 2000 ms, 30 ms/115V/AC at full load
Hold up time (Typ.)	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load
Voltage adjustment range	10.8 - 13.2 V/DC	4.5 - 5.5 V/DC	11.5 - 14.5 V/DC
Output voltage (min.)	10.8 V/DC	5 V/DC	12 V/DC
Output voltage (max)	13.2 V/DC	6 V/DC	15 V/DC
Output current (max)	1.67 A	10 A	5 A
Rated Power	20 W	50 W	60 W
Output power characteristic	Built-in DC OK relay contact	Built-in DC OK relay contact	Built-in DC OK relay contact
DC power good signal	YES	YES	YES
Withstand voltage	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH
DIN rail compatability	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)
Output connection type	Screw DIN terminal	Screw DIN terminal	Screw DIN terminal
Input / output connector pin count	Input: 3 poles Ouput: 3 poles	Input: 3 poles Ouput: 6 poles	Input: 3 poles Ouput: 6 poles
Outputs	1	1	1
Operating orientation	Vertical (input terminals down)	Vertical (input terminals down)	Vertical (input terminals down)
Protection mechanisms	Short circuit, over load, over voltage	Short circuit, over load, over voltage	Short circuit, over load, over voltage
Overload protection behaviour	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed
Over voltage protection	Trip point: 13.8 - 16.2 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover	Trip point: 6.25 - 7.25 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover	Trip point: 15.6 - 18 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover
Over temperature protection	N/A	N/A	N/A
Over voltage category	N/A	N/A	N/A
Cooling method	Convection	Convection	Convection

BN	3595574	3595575	3595576
Fuse	T2A/L250	T3.15A/L250	T3.15A/L250
Max. connected products per circuit breaker	Type C16: 11 pcs Type D16: 14 pcs	Type C16: 6 pcs Type D16: 8 pcs	Type C16: 6 pcs Type D16: 8 pcs
Terminal screw torque	Inputs: 0.5N·m Outputs: 0.5N·m	Inputs: 0.4N·m Outputs: 0.4N·m	Inputs: 0.4N·m Outputs: 0.4N·m
Ingress protection	IP20	IP20	IP20
Operating conditions	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C
Operating humidity	20 - 90 % RH (non-condensing)	20 - 90 % RH (non-condensing)	20 - 90 % RH (non-condensing)
Storage conditions	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Storage humidity	10 - 95 % RH (non-condensing)	10 - 95 % RH (non-condensing)	10 - 95 % RH (non-condensing)
Temperature derating	De-rating from 50 - 70 °C	De-rating from 45 - 70 °C	De-rating from 55 - 70 °C
Mean time between failures (MTBF)	317.7K hrs min. MIL-HDBK-217F (25 °C)	334.1K hrs min. MIL-HDBK-217F (25 °C)	334.1K hrs min. MIL-HDBK-217F (25 °C)
Weight	150 g	280 g	280 g
Dimensions (W x H x D)	23 x 92 x 100 mm	41 x 92 x 100 mm	41 x 92 x 100 mm
Dimension_drawing			
Dimension_data	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 23 ± 1 mm	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 41 ± 1 mm	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 41 ± 1 mm
Wire cross section	DC cable: 24 - 12 AWG AC cable: 24 - 12 AWG	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG
Wire strip length 	DC cable: X = 6.8 mm AC cable: X = 6.8 mm	DC cable: X = 6.8 mm AC cable: X = 6.8 mm	DC cable: X = 6.8 mm AC cable: X = 6.8 mm

BN	3595577	3595578	3595579
Customer #	TC-YSD60L-48001250	TC-YSD60L--24002500	TC-YSD100L-1207500
Product name	Din Rail Power Supply 48 V/DC 1.25 A 60 W	Din Rail Power Supply 24 V/DC 2.5 A 60 W	Din Rail Power Supply 12 V/DC 7.5 A 90 W
Protection class	I	I	I
Rated input	100 - 240 V/AC 50/60 Hz 1.1 A	100 - 240 V/AC 50/60 Hz 1.1 A	100 - 240 V/AC 50/60 Hz 2.4 A
Frequency range	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
Standby Power Consumption	0.8 W	0.7 W	1 W
Rated output	48 V/DC 1.25 A 60.0 W	24 V/DC 2.5 A 60.0 W	12 V/DC 7.5 A 90.0 W
Efficiency (Typ.)	78 %	88 %	83 %
AC current (Typ.)	1.8 A/115 V/AC 1 A/230 V/AC	1.8 A/115 V/AC 1 A/230 V/AC	1.3 A/115 V/AC 0.8 A/230 V/AC
Inrush current (Typ.)	30 A/115 V/AC 60 A/230 V/AC	30 A/115 V/AC 60 A/230 V/AC	30 A/115 V/AC 60 A/230 V/AC
Leakage current	<1 mA/240 VAC	<1 mA/240 VAC	<1 mA/240 VAC
Power Factor Correction (PFC)	N/A	N/A	N/A
Ripple & Noise (max .)	200 mVp-p	150 mVp-p	120 mVp-p
Voltage tolerance	±2.0 %	±2.0 %	±2.0 %
Line regulation	±2.0 %	±2.0 %	±1.0 %
Load regulation	±5.0 %	±5.0 %	±1.0 %
Setup, rise time	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load
Hold up time (Typ.)	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load
Voltage adjustment range	40 - 49 V/DC	23 - 29 V/DC	12 - 15 V/DC
Output voltage (min.)	48 V/DC	24 V/DC	12 V/DC
Output voltage (max)	56 V/DC	30 V/DC	15 V/DC
Output current (max)	1.25 A	2.5 A	7.5 A
Rated Power	60 W	60 W	90 W
Output power characteristic	Built-in DC OK relay contact	Built-in DC OK relay contact	Built-in DC OK relay contact
DC power good signal	N/A	N/A	N/A
Withstand voltage	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500 VDC / 25 °C / 70 % RH
DIN rail compatability	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)
Output connection type	Screw DIN terminal	Screw DIN terminal	Screw DIN terminal
Input / output connector pin count	Input: 3 poles Ouput: 6 poles	Input: 3 poles Ouput: 6 poles	Input: 3 poles Ouput: 6 poles
Outputs	1	1	1
Operating orientation	Vertical (input terminals down)	Vertical (input terminals down)	Vertical (input terminals down)
Protection mechanisms	Short circuit, over load, over voltage	Short circuit, over load, over voltage	Short circuit, over load, over voltage
Overload protection behaviour	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed
Over voltage protection	Trip point: 57.6 - 64.8 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover	Trip point: 31.2 - 36 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover	Trip point: 15.6 - 18 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover
Over temperature protection	N/A	N/A	N/A
Over voltage category	N/A	N/A	N/A
Cooling method	Convection	Convection	Convection

BN	3595577	3595578	3595579
Fuse	T3.15A/L250	T3.15A/L250	T3.15A/L250
Max. connected products per circuit breaker	Type C16: 6 pcs Type D16: 8 pcs	Type C16: 6 pcs Type D16: 8 pcs	Type C16: 6 pcs Type D16: 8 pcs
Terminal screw torque	Inputs: 0.4N·m Outputs: 0.4N·m	Inputs: 0.4N·m Outputs: 0.4N·m	Inputs: 0.4N·m Outputs: 0.5N·m
Ingress protection	IP20	IP20	IP20
Operating conditions	-20 to +70 °C	-20 to +70 °C	-10 to +60 °C
Operating humidity	20 - 90 % RH (non-condensing)	20 - 90 % RH (non-condensing)	20 - 90 % RH (non-condensing)
Storage conditions	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Storage humidity	10 - 95 % RH (non-condensing)	10 - 95 % RH (non-condensing)	10 - 95 % RH (non-condensing)
Temperature derating	De-rating from 55 - 70 °C	De-rating from 55 - 70 °C	De-rating from 40 - 60 °C
Mean time between failures (MTBF)	334.1K hrs min. MIL-HDBK-217F (25 °C)	334.1K hrs min. MIL-HDBK-217F (25 °C)	348.7K hrs min. MIL-HDBK-217F (25 °C)
Weight	280 g	280 g	400 g
Dimensions (W x H x D)	41 x 92 x 100 mm	41 x 92 x 100 mm	55 x 92 x 100 mm
Dimension_drawing			
Dimension_data	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 41 ± 1 mm	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 41 ± 1 mm	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 55 ± 1 mm
Wire cross section	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG
Wire strip length 	DC cable: X = 6.8 mm AC cable: X = 6.8 mm	DC cable: X = 6.8 mm AC cable: X = 6.8 mm	DC cable: X = 6.8 mm AC cable: X = 6.8 mm

BN	3595580
Customer #	TC-YSD100L-2404000
Product name	Din Rail Power Supply 24 V/DC 4 A 96 W
Protection class	I
Rated input	100 - 240 V/AC 50/60 Hz 2.4 A
Frequency range	47 - 63 Hz
Standby Power Consumption	1.8 W
Rated output	24 V/DC 4.0 A 96.0 W
Efficiency (Typ.)	86 %
AC current (Typ.)	1.3 A/115 V/AC 0.8 A/230 V/AC
Inrush current (Typ.)	30 A/115 V/AC 60 A/230 V/AC
Leakage current	<1 mA/240 VAC
Power Factor Correction (PFC)	N/A
Ripple & Noise (max .)	150 mVp-p
Voltage tolerance	±2.0 %
Line regulation	±1.0 %
Load regulation	±1.0 %
Setup, rise time	1000 ms, 30 ms/230 V/AC at full load 2000 ms, 30 ms/115 V/AC at full load
Hold up time (Typ.)	50 ms/230 V/AC at full load 20 ms/115 V/AC at full load
Voltage adjustment range	24 - 29 V/DC
Output voltage (min.)	24 V/DC
Output voltage (max)	30 V/DC
Output current (max)	4 A
Rated Power	96 W
Output power characteristic	Built-in DC OK relay contact
DC power good signal	YES
Withstand voltage	I/P-O/P: 3 kVAC I/P-FG: 2 kVAC O/P- FG: 0.5 kVAC
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500VDC / 25 °C / 70% RH
DIN rail compatability	TS-35/7.5 or TS-35/15 EN/IEC 60715 (DIN rail)
Output connection type	Screw DIN terminal
Input / output connector pin count	Input: 3 poles Ouput: 6 poles
Outputs	1
Operating orientation	Vertical (input terminals down)
Protection mechanisms	Short circuit, over load, over voltage
Overload protection behaviour	Trip Point: hiccup mode Recovery: Automatic after fault condition is removed
Over voltage protection	Trip point: 31.2 - 36 V Action: Output shutdown Recovery: After discharge, restart the power supply to recover

BN	3595580
Over temperature protection	N/A
Over voltage category	N/A
Cooling method	Convection
Fuse	T3.15A/L250
Max. connected products per circuit breaker	Type C16: 6 pcs Type D16: 8 pcs
Terminal screw torque	Inputs: 0.4N·m Outputs: 0.5N·m
Ingress protection	IP20
Operating conditions	-10 to +60 °C
Operating humidity	20 - 90 % RH (non-condensing)
Storage conditions	-40 to +85 °C
Storage humidity	10 - 95 % RH (non-condensing)
Temperature derating	De-rating from 40 - 60 °C
Mean time between failures (MTBF)	348.7K hrs min. MIL-HDBK-217F (25 °C)
Weight	400 g
Dimensions (W x H x D)	55 x 92 x 100 mm
Dimension_drawing	
Dimension_data	A 100 ± 1 mm B 79 ± 0.5 mm C 92 ± 1 mm D 55 ± 1 mm
Wire cross section	DC cable: 24 - 12 AWG AC cable: 30 - 12 AWG
Wire strip length 	DC cable: X = 6.8 mm AC cable: X = 6.8 mm

This is a publication by Conrad Electronic SE, Klaus-Conrad-Str. 1, D-92242 Hirschau (www.conrad.com). All rights including translation reserved. Reproduction by any method, e.g. photocopy, microfilming, or the capture in electronic data processing systems require the prior written approval by the editor. Reprinting, also in part, is prohibited. This publication represents the technical status at the time of printing.

Copyright 2026 by Conrad Electronic SE.