

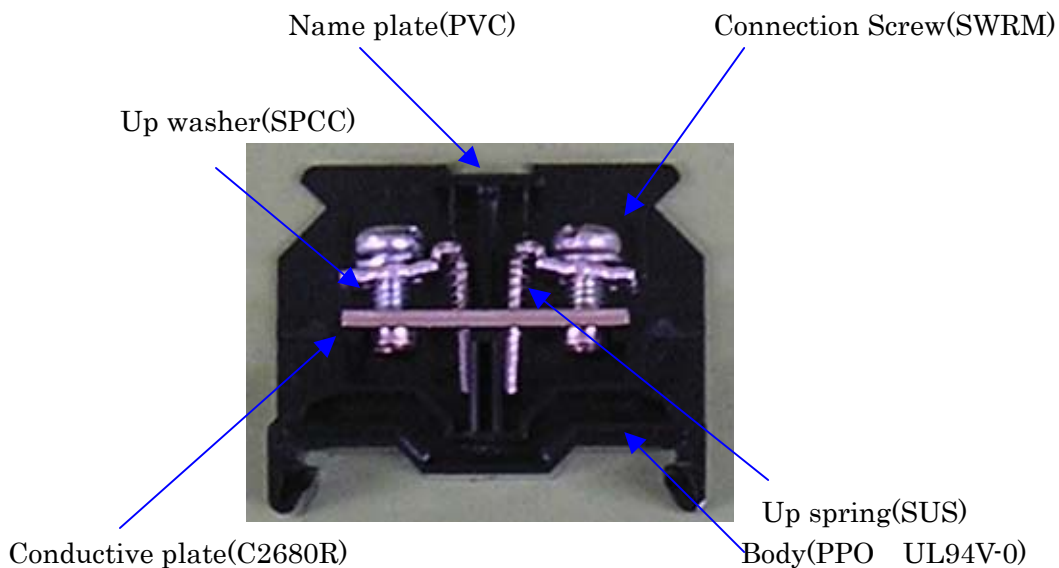
TUGI

PTU Series

Use with DIN 35mm Rail

The screw up type, which may be already familiar to you, not only assures your speedy connection, but also features the prevention of the screw loosening and an improved resistance to tensile force. This type is highly reputed for its reliability.

Internal Mechanism



Performance and Characteristics

- Standard service conditions : Ambient temperature -25°C to +60°C
Relative humidity 45 to 85%
- Temperature rise :35degrees or less at conductive plate
- Insulation resistance :200MΩ or more between live parts and between each live part and metal plate
(Measured with DC 500V megger)
- Power-frequency withstand voltage : 2500V for 1 minute
- Applicable standard : JIS C2811

Features

- Screw loosened not coming off but held in its up position
Best suited for use with ring solder less terminal
- Thanks to same shape of side plate cover as that of intermediate plate of terminal block. No need to worry about covers outing dimensions.
- Installation or removal possible without using any tool even in middle of rail.
- Special products available for use in the tropics or with high resistance to oil and chemicals.
- Terminal blocks for intrinsically safe construction available in light blue

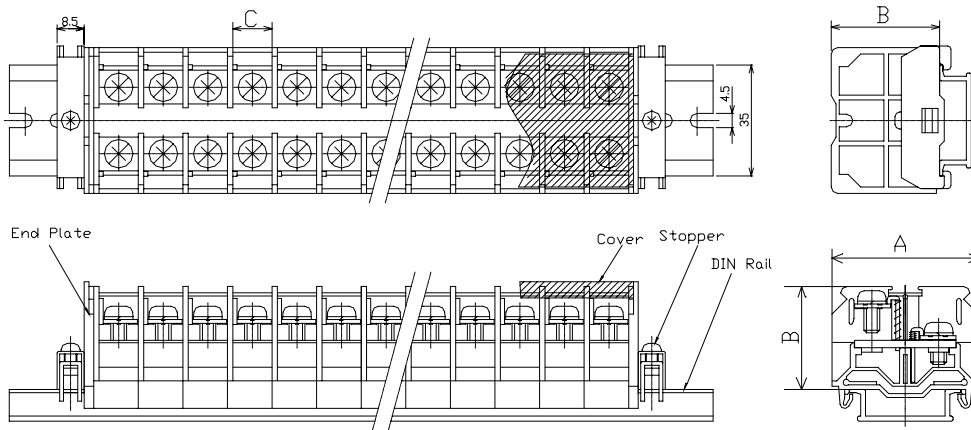
Rating of UL, CSA, TÜF approved Products

UL file No.E113585 CSA file No.LR109308

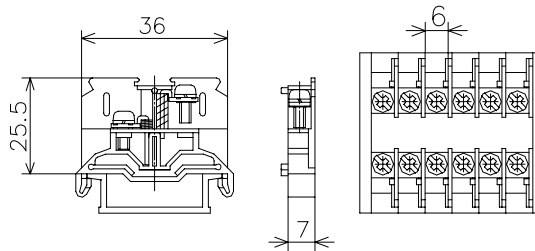
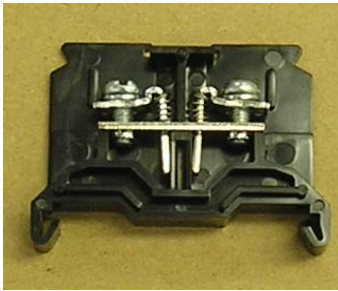
Model	SPEC Rated	Rating (V)	Rating (A)	AWG	File No.
PTU-10	UL,CSA	AC/DC600V	15A	20~16	113585
	TÜF		15A	20~16	R9551141
PTU-20	UL,CSA	AC/DC600V	19A	16~14	113585
	TÜF		22A	20~14	R9551142
PTU-30	UL,CSA	AC/DC600V	27A	14~10	113585
	TÜF		30A	18~12	R9551143
PTU-40	UL,CSA	AC/DC600V	35A	12~10	113585
	TÜF		40A	18~10	R9551144
PTU-80	UL,CSA	AC/DC600V	68A	6	113585
	TÜF		75A	12~6	R9551158

Rating and Specifications

	PTU-10	PTU-20	PTU-30	PTU-40	PTU-80
Rating Voltage	AC/DC600V	AC/DC600V	AC/DC600V	AC/DC600V	AC/DC600V
Rating Current	15A	22A	30A	40A	75A
Connectable wire	1.25mm ²	2.0mm ²	3.5mm ²	5.5mm ²	14mm ²
Max Current	0.75mm ² -11A	1.25mm ² -16A	2.0mm ² -22A	3.5mm ² -30A	5.5mm ² -40A
	1.25mm ² -15A	2.0mm ² -22A	3.5mm ² -30A	5.5mm ² -40A	14mm ² -75A
Terminal screw	M3×7.3L	M3.5×7.3L	M4×8L	M4×8L	M5×10L
Tightening Torque	1.2N.m	1.4N.m	1.8N.m	1.8N.m	3N.m



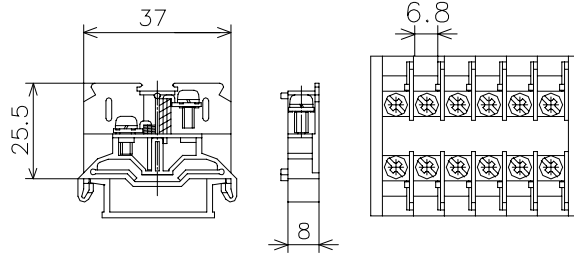
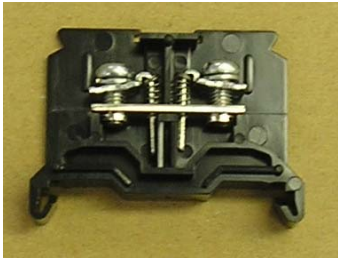
PTU-10



Rating Voltage	AC/DC600V
Rating Current	15A
Connectable wire	1.25mm ²
Max Current	0.75mm ² -11A
	1.25mm ² -15A
Terminal screw	M3 × 7.3L
Tightening Torque	1.2N.m

End Plate (PPO)	PTU-10L2
Name Plate (PVC)	AM-10
Cover (PC)	CA-34
Short Bar (Jumper)	BB7A ,SB7A
Stopper (SPCC)	HDV-1
Rail	DIN 35mm

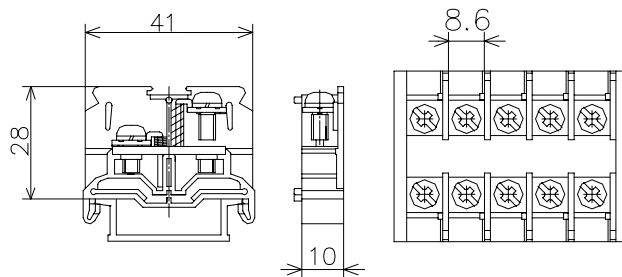
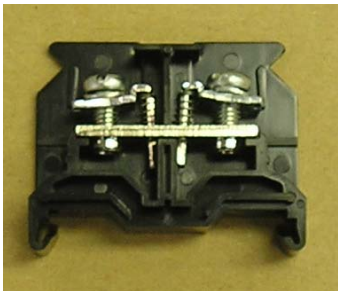
PTU-20



Rating Voltage	AC/DC600V
Rating Current	22A
Connectable wire	2.0mm ²
Max Current	1.25mm ² -16A
	2.0mm ² -22A
Terminal screw	M3.5 × 7.3L
Tightening Torque	1.4N.m

End Plate (PPO)	PTU-20L2
Name Plate (PVC)	AM-10
Cover (PC)	CA-34
Short Bar (Jumper)	BB8A ,SB8A
Stopper (SPCC)	HDV-1
Rail	DIN 35mm

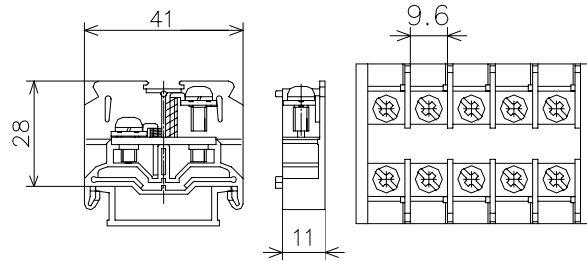
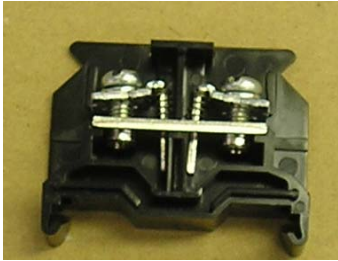
PTU-30



Rating Voltage	AC/DC600V
Rating Current	30A
Connectable wire	3.5mm ²
Max Current	2.0mm ² -22A
	3.5mm ² -30A
Terminal screw	M4 × 8L
Tightening Torque	1.8N.m

End Plate (PPO)	PTU-30L2
Name Plate (PVC)	AM-10
Cover (PC)	CA-36
Short Bar (Jumper)	BB10 ,SB10
Stopper (SPCC)	HDV-1
Rail	DIN 35mm

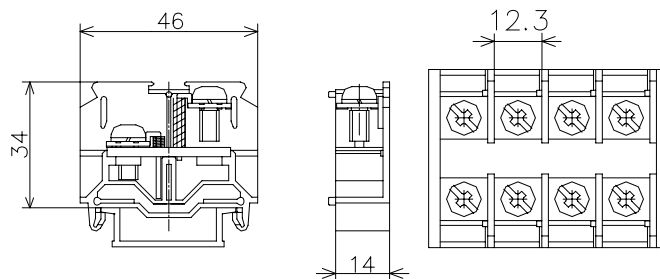
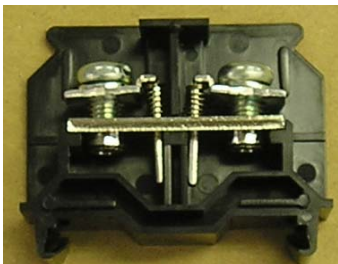
PTU-40



Rating Voltage	AC/DC600V
Rating Current	40A
Connectable wire	5.5mm ²
Max Current	3.5mm ² -30A
	5.5mm ² -40A
Terminal screw	M4 × 8L
Tightening Torque	1.8N.m

End Plate (PPO)	PTU-40L2
Name Plate (PVC)	AM-10
Cover (PC)	CA-36
Short Bar (Jumper)	BB11 ,SB11
Stopper (SPCC)	HDV-1
Rail	DIN 35mm

PTU-80



Rating Voltage	AC/DC600V
Rating Current	75A
Connectable wire	14mm ²
Max Current	5.5mm ² -40A
	14mm ² -75A
Terminal screw	M5 × 10L
Tightening Torque	3N.m

End Plate (PPO)	PTU-80
Name Plate (PVC)	AM-10
Cover (PC)	CA-40
Short Bar (Jumper)	BB14 ,SB14
Stopper (SPCC)	HDV-1
Rail	DIN 35mm