INTERCONNECTION

12 Way Nylon Terminal Strips

- Moulded from Natural PA6 (standard, CTSN400), Cream PA66 (CTSN500,) Grey PA66 Glass fibre (CTSN600)
- Available with or without wire protection
- UL94-V2 Self extinguishing as standard
- V0 types pass 960°C glow-wire test
- Easily cut to size
- Can also be supplied pre-cut
- Can be printed on request
- Closed inserts (middle barrier) option
- Captive terminal screws
- approvals

CTSN



SPECIFICATION		
Voltage	CTSN431-433	450VAC
	CTSN434-438	750VAC (UL600VAC)
Working temperature	CTSN400	-30°C to +110°C
	CTSN500	-30°C to +110°C
	CTSN600	-5°C to +160°C
Moulding	CTSN400	UL94-V2 PA6
	CTSN500	UL94-V0 PA66
	CTSN600	UL94-V0 PA66 + GF
Standard insert	Nickel-plated brass	
Terminal screws	Zinc-plated steel CQ-15	
Wire protectors	Stainless steel	

Part Numbers shown are for standard PA6 material (e.g. CTSN433/12)

For CSTN500 PA66 material change first number to 5 (e.g. CTSN533/12)

For CSTN600 PA66+GF material change first number to 6 (e.g. CTSN633/12)

Standard Type

TYPE NO.	PITCH / UL RATING	WIRE PROTECTION	INSERT DIAMETER	CABLE ACCEPTANCE	TERMINAL SCREWS	LENGTH	WIDTH	HEIGHT	PITCH	FIXING HOLE DIAMETER	MAX CURRENT
CTSN431/12W	8mm/20A	No	3.2mm	4.0mm²/12AWG	M3	94mm	18mm	15mm	8mm	2.8mm	32A
CTSN431/12	8mm/15A	Yes	3.2mm	2.5mm²/14AWG	M3	94mm	18mm	15mm	8mm	2.8mm	32A
CTSN433/12W	10mm/30A	No	3.5mm	6.0mm²/10AWG	M3	116mm	21mm	16mm	9.95mm	2.8mm	41A
CTSN433/12	10mm/20A	Yes	3.5mm	4.0mm²/12AWG	M3	116mm	21mm	16mm	9.95mm	2.8mm	41A
CTSN434/12W	12mm/50A	No	4.4mm	10.0mm²/8AWG	M3.5	140mm	23mm	18mm	12mm	2.8mm	57A
CTSN434/12	12mm/30A	Yes	4.4mm	6.0mm²/10AWG	M3.5	140mm	23mm	18mm	12mm	2.8mm	57A
CTSN436/12W	13.5mm/65A	No	6.0mm	16.0mm²/6AWG	M4	159mm	26mm	22.5mm	13.5mm	3.6mm	76A
CTSN436/12	13.5mm/65A	Yes	6.0mm	10.0mm²/8AWG	M4	159mm	26mm	22.5mm	13.5mm	3.6mm	76A
CTSN438/12W	18mm/85A	No	7.5mm	25.0mm²/4AWG	M5	205mm	36.5mm	30.5mm	17.4mm	3.4mm	101A

Raised Base

TYPE NO.	PITCH / UL RATING	WIRE PROTECTION	INSERT DIAMETER	CABLE ACCEPTANCE	TERMINAL SCREWS	LENGTH	WIDTH	HEIGHT	PITCH	FIXING HOLE DIAMETER	MAX CURRENT
CTSN431/12WR	8mm/20A	No	3.2mm	4.0mm²/12AWG	M3	94mm	18mm	17mm	8mm	2.8mm	32A
CTSN431/12R	8mm/20A	Yes	3.2mm	2.5mm²/14AWG	M3	94mm	18mm	17mm	8mm	2.8mm	32A
CTSN433/12WR	10mm/30A	No	3.5mm	6.0mm²/10AWG	M3	116mm	21mm	17.5mm	10mm	2.8mm	41A
CTSN433/12R	10mm/30A	Yes	3.5mm	4.0mm²/12AWG	M3	116mm	21mm	17.5mm	10mm	2.8mm	41A
CTSN434/12WR	12mm/50A	No	4.4mm	10.0mm²/8AWG	M3.5	140mm	23mm	20mm	12mm	2.8mm	57A
CTSN434/12R	12mm/50A	Yes	4.4mm	6.0mm²/10AWG	M3.5	140mm	23mm	20mm	12mm	2.8mm	57A
CTSN436/12WR	13.5mm/65A	No	6.0mm	16.0mm²/6AWG	M4	159mm	26mm	26mm	14mm	3.6mm	76A
CTSN436/12R	13.5mm/65A	Yes	6.0mm	10.0mm²/8AWG	M4	159mm	26mm	26mm	14mm	3.6mm	76A

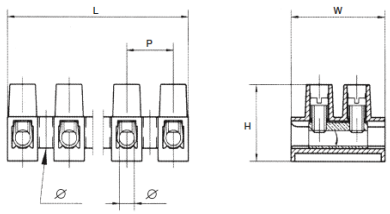
Alternative Options

TYPE NO.	PITCH / UL RATING	WIRE PROTECTION	INSERT DIAMETER	CABLE ACCEPTANCE	TERMINAL SCREWS	LENGTH	WIDTH	HEIGHT	PITCH	FIXING HOLE DIAMETER	MAX CURRENT
CTSN433/12WL	10mm/30A	No	3.5mm	6.0mm²/10AWG	M3	116mm	31mm	16.8mm	10mm	2.8mm	41A
CTSN433/12L	10mm/30A	Yes	3.5mm	4.0mm²/12AWG	M3	116mm	31mm	16.8mm	10mm	2.8mm	41A
CTSN433/12WLC	10mm/30A	No	3.5mm	6.0mm²/10AWG	M3	116mm	31mm	21.5mm	10mm	2.8mm	41A
CTSN433/12LC	10mm/30A	Yes	3.5mm	4.0mm²/12AWG	M3	116mm	21mm	17.6mm	9.95mm	3.6mm	41A
CTSN433/12WS	10mm/30A	No	3.5mm	6.0mm²/10AWG	M3	116mm	21mm	17.3mm	10mm pin	3.5mm	41A
CTSN433/12S	10mm/30A	Yes	3.5mm	4.0mm²/12AWG	M3	116mm	21mm	17.3mm	10mm pin	3.5mm	41A
CTSN433/12WQ	10mm/30A	No	3.5mm	6.0mm²/10AWG	M3	116mm	21mm	18.1mm	9.95mm	2.8mm	41A
CTSN433/12Q	10mm/30A	Yes	3.5mm	4.0mm²/12AWG	M3	116mm	21mm	18.1mm	9.95mm	2.8mm	41A

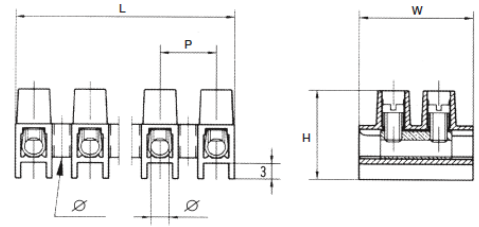
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INTERCONNECTION

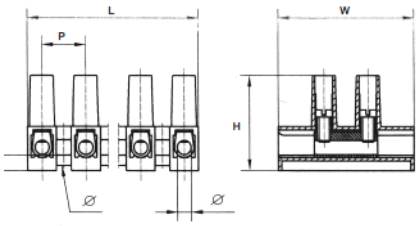
Standard type, no wire protection



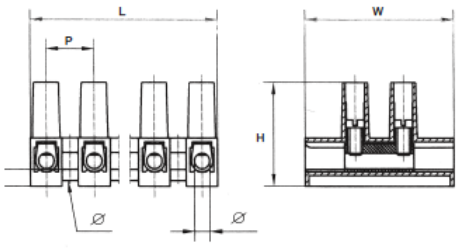
Raised base types - provides increased isolation



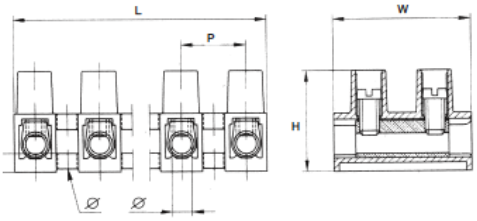
CTSN433/12LC larger isolating surface per pole and screw tower. Complies with EN60598/1 4.7 and 11.2



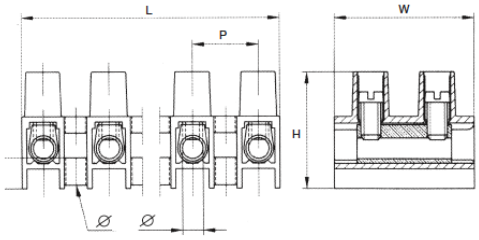
CTSN433/12L larger isolating surface per pole (750V, test voltage 3,000V) Complies with EN60598/1 4.7 and 11.2



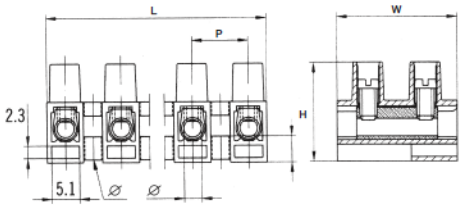
CTSN433/12T fast fixing hole between poles



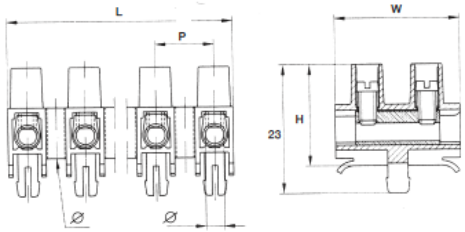
CTSN433/12TR fast fixing hole between poles and raised base



CTSN433/12TRG fast fixing hole between poles, raised base and socket in the base



CTSN433/12S fixing pin



CTSN433/12Q fixing hole between poles and wide base terminal connection

