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REPORT

on

COMPONENT - Terminal Blocks

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component - Terminal Blocks Models PT 6, PTS 4 and PTDS 4.

USR, CNR Component - Terminal Block Model PTSI 4/LD followed by 400 or 250, followed by AC.

GENERAL CHARACTER AND USE:

Model PT 6 is a 3-pole 5-wire (3+N+PE) terminal block and intended for field wiring onto copper wire and mounting within enclosed industrial control panels or similar applications. Model PTS 4, PTDS 4 and PTSI 4/LD are optional pluggable terminals for use with model PT 6. They may be provided to establish a second load tap on model PT 6. All models are intended for use in the following applications and within the ratings specified.

RATINGS:

Application -

Commercial appliances (such as business and EDP equipment, etc.

General industrial (such as motor controllers, pushbutton stations, etc.

Industrial control devices having limited ratings (see note A under Ratings).

Terminal type of model PT 6 -

Bottom:	Top:
IDC contacts	Push-in type, wire secured by spring type action (for hard-wired load-tap); Male connector tab (for pluggable load-tap)

Terminal type of models PTS 4, PTDS 4 and PTSI 4/LD -

Line	Load
Female connector (for pluggable load-tap)	Push-in type, wire secured by spring type action

RATINGS: (CONT'D)

Type wiring - factory and field wiring

Model PT 6:

IDC (Bottom Insulation Displacement Connection):

Wire Range AWG	Wire Type	FW	Torque	Voltage V	Current A	UG	CA
10-14 fine stranded (flexible)	Cu	2	-	600 ac	30	B, C, D ^A	2(90), 4

Hard-wired load-tap - Spring-action type terminals:

Wire Range AWG	Wire Type	FW	Torque	Voltage V	Current A	UG	CA
10-16 fine stranded (flexible)	Cu	2	-	600 ac	30	B, C, D ^A	2(90), 4

Models PTS 4, PTDS 4 and PTSI 4/LD:

Pluggable load-tap - Spring-action type terminals:

Wire Range AWG	Wire Type	FW	Torque	Voltage V	Current A	UG	CA
12-16 fine stranded (flexible)	Cu	2	-	600 ac	20	B, C, D ^A	2(105), 4

Note A - These limited ratings are applicable to a terminal block for use in or with industrial control equipment whereby the load on any single circuit of the terminal block does not exceed 15 A at 51-150 V, 10 A at 151-300 V, or 5 A at 301-600 V, or the maximum ampere rating, whichever is less.

RATINGS: (CONT'D)

Total number of conductors:

Model PT 6:

IDC (Bottom Insulation Displacement Connection):

Maximum voltage, (V AC)	Maximum current, (A)	AWG Size and type	No. of current-carrying poles	No. of grounding poles	No. of neutral poles	Total No. of poles
600	30	10-14 fine stranded (flexible)	3	1	1	5

Hard-wired load-tap - Spring-action type terminals:

Maximum voltage, (V AC)	Maximum current, (A)	AWG Size	No. of current-carrying poles	No. of grounding poles	No. of neutral poles	Total No. of poles
600	30	10-16 fine stranded (flexible)	3	1	1	5

Models PTS 4, PTDS 4 and PTSI 4/LD:

Pluggable load-tap - Spring-action type terminals:

Maximum voltage, (V AC)	Maximum current, (A)	AWG Size and type	No. of current-carrying poles	No. of grounding poles	No. of neutral poles	Total No. of poles
600	20	12-16 fine stranded (flexible)	3	1	1	5

NOMENCLATURES:

PT 6:

PT	6
I	II

I Series designation
PT = Power Terminal

II 6
Maximum metric conductor suitable in mm²
6 = 6 mm²

PTS 4, PTDS 4:

PT	D	S	4
I	II	III	IV

I Series designation
PT Power Terminal

II Wire connector
D = Double wire connector
Blank = Single wire connector

III Terminal block type
S = Pluggable terminal block

IV Maximum metric conductor suitable in mm²
4 = 4 mm²

PTSI4.

PT	SI	4	/LD	400V	AC
I	II	III	IV	V	VI

I Series designation
PT Power Terminal

II Terminal block type
SI = Pluggable terminal block with fuse

III Maximum metric conductor suitable in mm²
4 = 4 mm²

IV Special feature
LD = With light emitting diode for fuse fault indication

V Voltage for light emitting diode
250V
400V

VI Current
AC = Suitable for alternate current only