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REPORT

on

COMPONENT - TERMINAL BLOCKS

**ABB ENTRELEC**  
**VILLEURBANNE, FRANCE**

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## DESCRIPTION

## PRODUCT COVERED:

## Component Terminals Blocks:

**USR, CNR** - Cat. Nos. D4/6 with or without Suffixes .N, .P, .PI, .S, .SN, or .SNT2, .SNT23, followed by Suffix .ADO, with or without Suffix .1, .2, .4, .C, or .T2, may be followed by Suffix NC.

**USR, CNR** - Cat. Nos. D4/8 with or without Suffixes .S, .SN, .SNN, .SNT2, .SNNT2, .SNT23, .SF, .SFD, .SFD1, .SFL, .SFT2, .SFDT2, .SFD1T2, .SFLT2, followed by Suffix .ADO, or .ADO2, may be followed by Suffix NC.

**USR, CNR** - Cat. Nos. D6/8 followed by Suffixes .ADO with or without .1, .2, .4, N, P1, or .C, may be followed by Suffix NC.

**USR - Cat. No. D4/6.D1.P.ADO**

## GENERAL CHARACTER AND USE:

The terminal blocks covered by this Report are intended for use in the following applications and within the ratings specified.

**The terminal blocks Cat. No. D4/6.D1.P.ADO covered by this Report is intended for use as protective conductor terminal blocks, 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.)

Terminal Type -

Line	Load
pressure wire connector	insulation-displacing connector (IDC)

Type Wiring - The pressure wire connectors and insulation displacing connectors are suitable for field and factory-wiring.

## RATINGS:

Cat. Nos.	Insulation Displacement Connectors (IDC)	Pressure Screw Terminals ##	Screw Torque	Max.Amps
D4/6.ADO	1-3 No. 16-22 AWG sol/str Cu. #		3.5-8	18 A
D4/6.ADO.T2				18 A
D4/6.ADO.1				18 A
D4/6.ADO.2				18 A
D4/6.ADO.4				18 A
D4/6.ADO.C				18 A
D4/6.N.ADO				18 A
D4/6.P.ADO				-
D4/6.PI.ADO				-
D4/6.SN.ADO				10 A
D4/6.SNT2.ADO				10 A
D4/6.SNT23.ADO				10 A
D4/8.SN.ADO				15 A
D4/8.SNT2.ADO				15 A
D4/8.SNT23.ADO				15 A
D4/6.S.ADO				10 A
D4/8.S.ADO				15 A
D4/8.SF.ADO				10 A
D4/8.SFT2.ADO				10 A
D4/8.SFD.ADO				10 A
D4/8.SFD1.ADO				10 A
D4/8.SFL.ADO				10 A
D4/8.SFDT2.ADO				10 A
D4/8.SFD1T2.ADO				10 A
D4/8.SFLT2.ADO				10 A
D4/8.SNN.ADO				10 A
D4/8.SNNT2.ADO				10 A
D4/8.SF.ADO2				10 A
D4/8.SFT2.ADO2				10 A
D4/8.SFD.ADO2				10 A
D4/8.SFD1.ADO2				10 A
D4/8.SFL.ADO2				10 A
D4/8.SFDT2.ADO2				10 A
D4/8.SFD1T2.ADO2				10 A
D4/8.SFLT2.ADO2				10 A
D4/8.SNN.ADO2				10 A
D4/8.SNNT2.ADO2				10 A

Cat. Nos.	Insulation Displacement Connectors (IDC)	Pressure Screw Terminals	Screw Torque	Max.Amps
D6/8.ADO	1-3 No. 16-14 AWG	##	12-20	25 A
D6/8.ADO.1	sol/str Cu. #			25 A
D6/8.ADO.2				25 A
D6/8.ADO.4				25 A
D6/8.ADO.C				25 A
D6/8.ADO.P				-
D6/8.ADO.PI				-
<b>D4/6.D1.P.ADO</b>	<b>1-2 No. 16-22 AWG sol/str Cu. #</b>	<b>12-24 AWG sol/str Cu.</b>	<b>3.5-8 lb. In. (0.5-0.8 Nm)</b>	<b>-</b>

# - Multiple wire insertion IDC connectors are limited to same size wires, and solid or stranded, not intermixed.

## - Wire sizes and combinations for Cat. No. D4 and D6 pressure wire connectors are tabulated below. Wire combinations are limited to same size wires, and **solid** or stranded, not intermixed.

Cat. No. D4  
1 No. 10-22 AWG  
2 No. 14 AWG  
2 or 3 No. 16 AWG  
1 or 2 No. 18 AWG  
1 to 3 No. 20-22 AWG

Cat. No. D6  
1 No. 8-22 AWG  
1 or 2 No. 14-16 AWG  
1 to 3 No. 18-22 AWG  
2 No. 12 AWG

Voltage - 600 V max