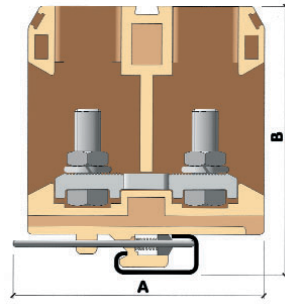


# CDA series power terminal blocks

with UL94V-0 (5V) melamine  
insulating body



/BB versions dimension		
Terminal block	A	B
CDA.70/BB	83	83
CDA.120/BB	96	101
CDA.185/BB	110	117

- mounting onto PR/DIN type rails - according to IEC 60715 Std., "G32" type

- When rail assemblies are to be manufactured for potentially explosive environments (EEx e), please refer to the indications given on page A8

- **CESI 03ATEX 163 U** EEx e Certificate IM2 / II 2 G D operating temperature range: -40 ÷ +115 °C

standard version	CDA.70/BB cat. No. <b>CD100</b>	CDA.120/BB cat. No. <b>CD400</b>	CDA.185/BB cat. No. <b>CD710</b>
<b>TECHNICAL CHARACTERISTICS</b>			
function / type	feed-through	feed-through	feed-through
rated cross-section (mm <sup>2</sup> )	70	120	185
connecting capacity flexible conductors (mm <sup>2</sup> )	-	-	-
rigid conductors (mm <sup>2</sup> )	-	-	-
bars or lugs (*) (mm <sup>2</sup> )	-	-	-
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V / 192 A / -	800 V / 269 A / -	800 V / 353 A / -
rated voltage / rated current / AWG UL - cUL	600 V / 175 A / 12-2/0 AWG	600 V / 255 A / 12-250 kcmil AWG	600 V / 310 A / 10-350 kcmil AWG
maximum EEx e voltage	750 Vmax	750 Vmax	750 Vmax
rated impulse withstand voltage / pollution degree	8 kV / 3	8 kV / 3	8 kV / 3
insulation stripping length (mm)	-	-	-
tightening torque value (**)	-	-	-
bar connection torque value (Nm)	-/3 (13 mm wrench)	-/6 (17 mm wrench)	-/14 (19 mm wrench)
pitch (mm)	27	32	38
<b>APPROVALS</b>			
<b>ACCESSORIES</b>			
End sections	<b>CDA/70/PT</b> CD101	<b>CDA/120/PT</b> CD401	<b>CDA/185/PT</b> CD701
Clamping collar	<b>CDA/70/CO</b> CD102	<b>CDA/120/CO</b> CD402	<b>CDA/185/CO</b> CD703
Protection cover	<b>PRT/M</b> PRT02	<b>PRT/M</b> PRT02	<b>PRT/M</b> PRT02
Protection cover support	<b>SPS/5</b> SPS05	<b>SPS/5</b> SPS05	<b>SPS/7</b> SPS07
Mounting rail support	<b>STP (***)</b> ST001	<b>STP (***)</b> ST001	<b>STP (***)</b> ST001
Marking tag printed or blank	<b>CNU/8</b> NU...	<b>CNU/8</b> NU...	<b>CNU/8</b> NU...
	<b>CSC</b> (with ADR adapter) CS...	<b>CSC</b> (with ADR adapter) CS...	<b>CSC</b> (with ADR adapter) CS...
End bracket	<b>BTU</b> for PR/DIN and PR/3 BT005	<b>BTU</b> for PR/DIN and PR/3 BT005	<b>BTU</b> for PR/DIN and PR/3 BT005
	<b>CDA/BT</b> CD003	<b>CDA/BT</b> CD003	<b>CDA/BT</b> CD003
Mounting rail according to IEC 60715 Std.	<b>PR/DIN/AC</b> of steel PR001	<b>PR/DIN/AC</b> of steel PR001	<b>PR/DIN/AC</b> of steel PR001
	<b>PR/DIN/AS</b> same with slots PR004	<b>PR/DIN/AS</b> same with slots PR004	<b>PR/DIN/AS</b> same with slots PR004
	<b>PR/DIN/AL</b> of aluminium PR002	<b>PR/DIN/AL</b> of aluminium PR002	<b>PR/DIN/AL</b> of aluminium PR002

(\*) the length indicated is the maximum length available for the relevant connection. By using bars and/or non-insulated cable-lugs, the rated insulation voltage is guaranteed respectively up to a width of: 17 mm (for the .70) to 28 mm (for the .185). For greater widths, a partition must be used.

(\*\*\*) product to be discontinued and replaced by other ACI Series accessories - page 167.