






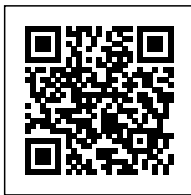


Screw terminal block 2.5mm<sup>2</sup>,  
1-level, blue color

Series	CBC
Code	CBI02
Type	CBC.2 (Ex)i
HS code	85369010
Colour	blue
<b>TECHNICAL FEATURES</b>	
Function/Type	Feed-through
Rated cross-section	2.5 mm <sup>2</sup>
<b>Connecting capacity</b>	
Flexible wire	0.2-4 mm <sup>2</sup>
Rigid wire	0.2-4 mm <sup>2</sup>
Wire with ferrule - ferrule type	2.5 mm <sup>2</sup> – WP25/14
<b>Electrical characteristics according to IEC EN standard</b>	
Maximum voltage AC/DC	1000 V
Maximum current (rated cross-section)	24 A nom./ 37 A max.
Caliber	A3
<b>Electrical characteristics according to UL Standard</b>	
Maximum voltage AC/DC	600 V
Maximum current (rated cross-section)	20 A / 24 A
Section (min-max)	20-12 (AWG)
Tightening torque value (UL)	3.5 lb.in
<b>Electrical characteristics according to ATEX directive and IEC Ex standard</b>	
Maximum voltage AC/DC	500 V
Maximum current (rated cross-section)	24 A
Operating temperature Min/Max	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	12 kV / 3
Insulation stripping length	9 mm
Tightening torque value (nom. / max.)	0.4 / 0.8 Nm
Width (pitch)	5 mm
Length	44 mm
Height mounted on TH35-7.5/TH35-15/G32	52 / 60 / – mm
Insulation material temperature index (EN 60216-1)	130 °C
Plastic material	Polyamide UL94V-0
<b>ACCESSORIES</b>	
<b>End section</b>	
Grey	CBC.2-10/PT/GR (cod. CB061GR)
Blue	CBC.2-10/PT (Ex)i (cod. CBI061)
Thickness	1.5 mm
<b>Cross-connection</b>	
Model A)	PTC/2/... (cod. PTC02...)
Model B)	PTP/2/... (cod. PTP02...)
Rated current carrying capacity IEC/ATEX	24 A / 21 A
Cross-connection identification strip	PTC/SP (cod. PTC0990)
Switchable cross-connection	–
Multiple cross-connection bar	–
Shunting screw and sleeve (Standard / Exe)	–
Protection cover	–
Coloured partition plate	DFU/4/R (cod. DU04R)
Cross-connection barrier	DFM/800 (cod. DF800) – DFM/900 (cod. DF900)
Test plug socket	–
Modular test plug	SDC/5 (cod. DC005) – SDC/5P (cod. DC05P)
End section for modular test plug	–
Polarizator for test plug	SDC/POL (cod. DCPOL)
<b>Marking</b>	
Single marking tag	CNU/8/51 (cod. NU0851S)
Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S)
Warning plate	PRP/7/G (cod. PRP070G)
<b>End bracket</b>	
TH35 screw type	BT/3 (cod. BT003)
TH35 snap-fit type	BTO (cod. BT007)
TH35 and G32 snap-fit type	BTU (cod. BT005)
<b>Mounting rail</b>	
IEC 60715/TH35	PR/3/...
IEC 60715/G32	–
<b>APPROVALS AND MARKINGS</b>	
	      





1 For more details on accessories, refer to the relevant chapters

## DESCRIZIONE DEL PRODOTTO

CBC.2/(EX)I  
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