



**Terminals
Transformers
Trunking
2009-2010**

**Control solutions
for industry**

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OUR PARTNERS' PRODUCTS



Cabur



- 1 - Feed Through Terminal Blocks
- Earth Terminal Blocks
- Two & Three Level Terminal Blocks
- Link Blade Disconnect Terminals
- Fused Terminal Blocks
- High Current Terminal Blocks
- Din Mounting Rail
- Marking Systems
- Switchmode Power Supplies
- Distribution Terminals

Canalplast



- 2 - Standard Slot Panel Trunking
- Narrow Slot Panel Trunking
- Angular Panel Trunking
- Halogen Free Panel Trunking

Elca



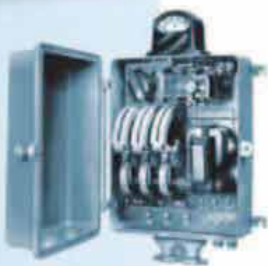
- 3 - Open-type Panel Transformers
- Part-enclosed Panel Transformers



LOVATO Electric headquarters in Bergamo, Northern Italy



*The first
LOVATO Electric
offices (1922)
and some of our
products at that time.*



LOVATO Electric is a leader in electromechanical and automation product manufacturing, with 87 years' solid tradition of providing the world with Control Solutions for Industry.

Modern technology for research, development, design and manufacture allow LOVATO Electric to offer products and solutions to enhance efficiency, reliability and safety in industrial electrical systems.

LOVATO Electric products are designed, developed and made to comply with the requirements of the applicable major international standards.

LOVATO (UK) Ltd has partnered with three other family-owned Italian companies who share our values, our vision and our ongoing commitment to the continuous development and manufacture of high-quality products to meet the constantly changing demands of our market. This catalogue features our selection of the faster-moving items, from the vast ranges of each brand, that we stock here in the UK for you, our customer.



With over 50 years of experience, Cabur designs, develops and manufactures its own extensive range of products for the electrical industry, providing the best in working conditions, in terms of operability and reliability.

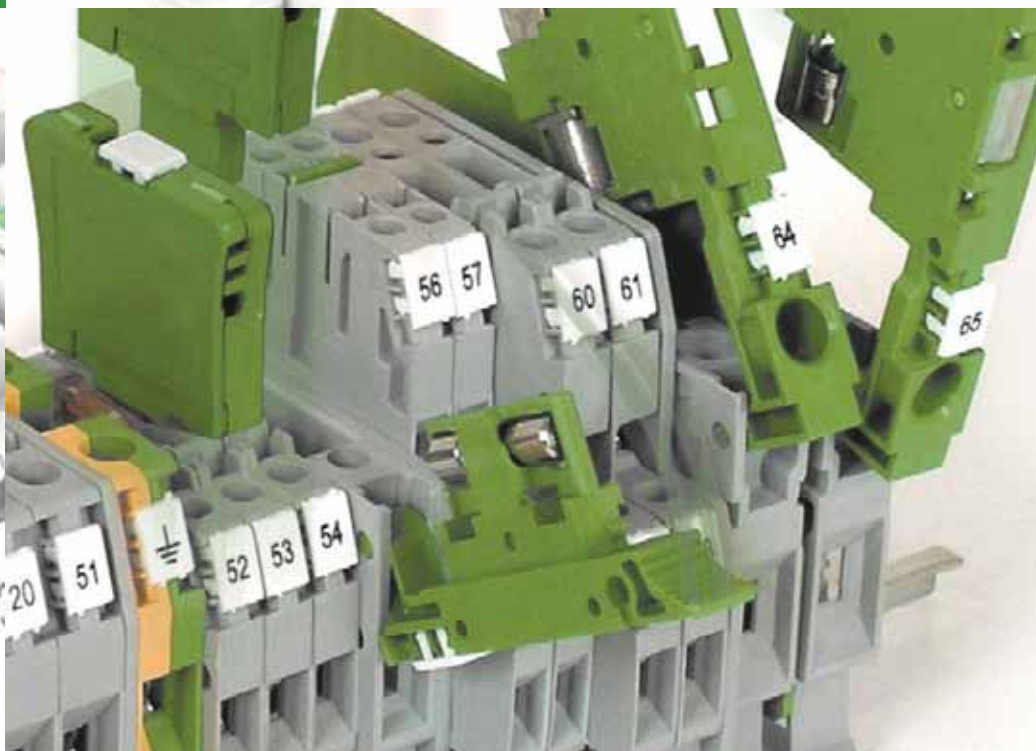
Our varied and diversified production represents the optimal synthesis of Cabur's long experience as partner to some of Europe's most important Industries and Research Laboratories, combined with comprehensive foreign activities and collaboration. Cabur always aims to pinpoint and meet users' installation needs.

In particular, in our product design and manufacturing, we have pioneered a quality focus on raw materials, functionality, reliability over time, and respect for the environment. That is the reason why Cabur was granted Class 1E (Equipment for Nuclear Power Generating Stations) qualification as early as in 1985 and, in addition, the ISO 9001/UNI-EN 29001 (Quality) and ISO 14001 (Environment) certifications, as well as compliance to Atex standards for "Ex e" installations on the most important terminal block lines.



www.cabur.co.uk

- > Rail-mounted Terminal Blocks
- > Switchmode Power Supplies
- > Distribution Terminals
- > Meets major International Approvals



Rail-mounted Terminal Blocks

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Feed-Through Terminal Blocks CBC series



CBC.2/GR



TEC.6/O

Order Code	Rated Cable Size (mm)	Current Rating (A)	Terminal Pitch (mm)	Pack Quantity
CBC Series Feed-Through Terminal Blocks				
CBC.2/GR	2.5	24	5	120
CBC.4/GR	4	32	6	100
CBC.6/GR	6	41	8	100
CBC.10/GR	10	57	10	100
CBC.16/GR	16	101*	12	50
CBC.35/GR	35	150**	16	50
CBC Series Ex(i) Blue Feed-Through Terminal Blocks				
CBC.2 (Ex)I	2.5	24	5	120
CBC.4(Ex)I	4	32	6	100
CBC.6 (Ex)I	6	41	8	100
CBC.10 (Ex)I	10	57	10	100
CBC.16 (Ex)I	16	101*	12	50
CBC.35 (Ex)I	35	150**	16	50
CBC Series 'Big Box' Bulk-Packed Feed-Through Terminal Blocks				
BB/CBC.2/GR	2.5	24	5	1400
BB/CBC.4/GR	4	32	6	1000
Earth Terminals				
TEO.2	2.5	24	5.5	75
TEO.4	4	32	6.5	50
TEC.6/O	6	41	8	45
TEC.10/O	10	57	10	35
TEC.16/O	16	76	12	30
TEC.35/O	35	125	16	15
TEC.70/O	70	192	20.5	20

*101A when using 25sq mm conductor
**150A when using 50sq mm conductor

General Characteristics

CBC Series terminal blocks, with UL94V-0 polyamide insulating body, feature enhanced design accuracy. Terminal blocks with different cross-sections still guarantee visual uniformity within the completed rail assembly.

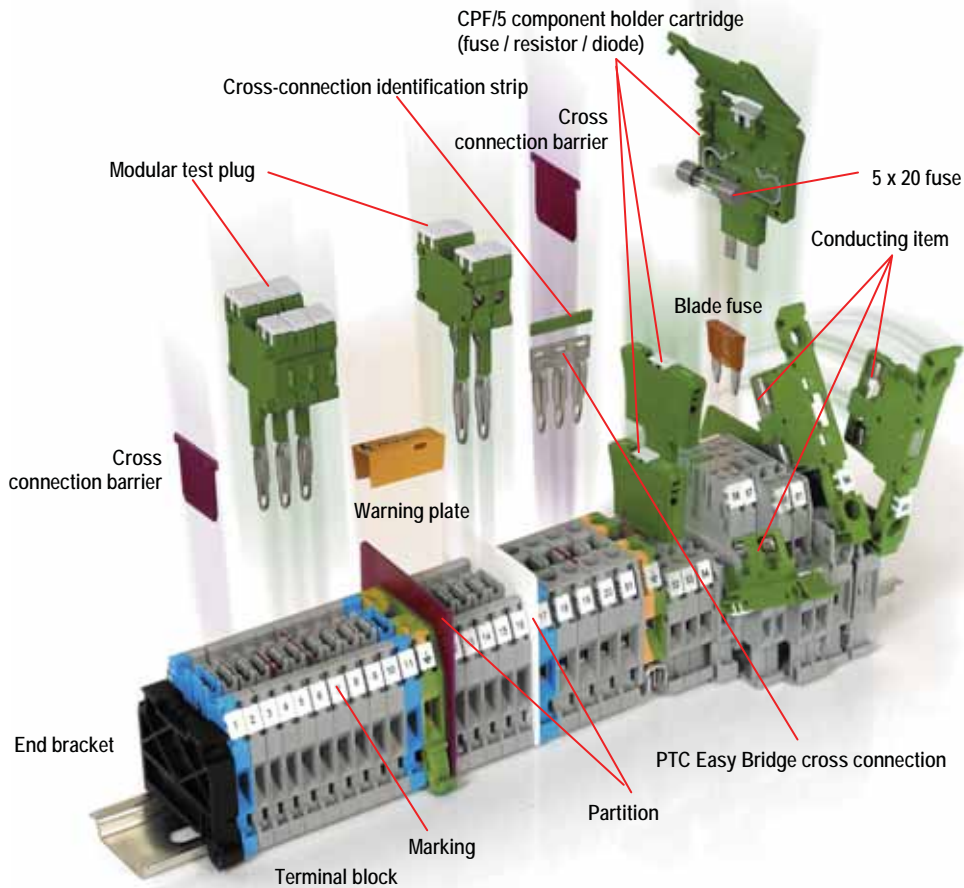
- Reduced overall dimension
- Patented 'Easy-bridge' cross-connection system
- Superior effective current carrying capacity
- Very low contact resistance of the resulting connection
- Ex (i) versions for use in 'intrinsic safety' applications
- Suitable for 35mm 'Top Hat' rail mounting only

Technical Characteristics

- UL94V-0 polyamide insulating body
- 1000V Rated to IEC 60947-7-1
- Available in standard grey (RAL 7042) or blue (Ex versions)

Certifications and compliance

- cURus
- KEMA - KEUR
- RINA
- UL(BR)
- TERNA LV27/1
- ENEL DV27/1
- ATEX Ex (e) & IEC (Ex) pending



Accessories for Feed-Through Terminal Blocks CBC series



EasyBridge Cross-connection



DFU Coloured Partition



DFM Cross-connection Barrier



SDC Modular Test Plug fitted to CBC Terminal Block

Order Code	To suit terminal	No of poles	Current rating (A)	Pack Quantity
'Easy Bridge' permanent cross-connections for CBC Series				
PTC/2/02	CBC.2	2	24	25
PTC/2/03		3		25
PTC/2/05		5		25
PTC/2/10		10		10
PTC/2/00		50		8
PTC/4/02	CBC.4	2	32	25
PTC/4/03		3		25
PTC/4/05		5		25
PTC/4/10		10		10
PTC/4/00		42		8
PTC/6/02	CBC.6	2	41	25
PTC/6/03		3		25
PTC/6/05		5		25
PTC/6/10		10		10
PTC/6/00		31		8
PTC/10/02	CBC.10	2	57	25
PTC/10/03		3		25
PTC/10/05		5		25
PTC/10/10		10		10
PTC/10/00		25		8
Cross-connection identification strip (100mm)				
PTC/SP	To suit CBC.2 - CBC.10			10
Permanent cross-connections				
POF/53	CBC.16	2	76	25
POF/06	CBC.35	2	125	15

Order Code	To suit Feed-Through Terminal type	Pack Quantity
End Sections for CBC Series Feed-Through Terminal Blocks		
CBC.2-10/PT/GR	CBC.2/GR-CBC.10/GR	50
CBC.16/PT/GR	CBC.16/GR	25
CBC.35/PT/GR	CBC.35/GR	25
CBC.2-10/PT (Ex)i	CBC.2 (Ex)i-CBC.10 (Ex)i	50
CBC.16/PT (Ex)i	CBC.16 (Ex)i	25
CBC.35/PT (Ex)i	CBC.35 (Ex)i	25
Coloured Partition		
DFU/4 (RED, WHI or GRN)	CBC.2/GR-CBC.35/GR	50
Cross-connection Barrier		
DFM/900	CBC.2/GR-CBC.10/GR	50
DFM/700	CBC.16/GR - CBC.35/GR	50
Modular Test Plug		
SDC/5	CBC.2/GR	25
SDC/6	CBC.4/GR	25
SDC/5P	CBC.2/GR with PTC cross-connection fitted	25
SDC/6P	CBC.4/GR with PTC cross-connection fitted	25
SDC/POL	Polarising element for SDC test plug	25
Test Plugs & Sockets		
SDD/2	Test Plug for CBC.16/GR & CBC.35/GR	50
PSD/8	Test Socket for CBC.16/GR & CBC.35/GR	50
Warning Plate		
PRP/7/G	CBC.2/GR-CBC.10/GR	10
TUM/16	CBC.16/GR	10
TUM/06	CBC.35/GR	10

FOR END BRACKETS & TERMINAL MARKING SYSTEMS PLEASE SEE PAGES 1-8 TO 1-10

General Characteristics

A range of accessories for CBC Series terminal blocks,

- Patented 'Easy-bridge' cross-connection in 2, 3, 5, 10 or 50 pole versions. Screwless, snap-in insertion with transversal and staggered mode connection possibility. Once inserted, the resulting installation is IPXXB protected, without the need for further insulating covers
- End sections - insulating and closing end section to be placed on the open element at the end of each terminal assembly. This end section may also be used to separate different phases of adjoining terminal blocks linked by cross connections or to increase insulation distances where specific circumstances may require it. The end sections have the same overall dimension as the related terminal block.
- Coloured partitions - Available in green, red and white polyamide 1.5 mm thick. For the separation of elements on the terminal board, in order to make certain circuits easy to locate or to increase the insulation distances between terminal blocks. The partitions can also be used to increase the insulation distances between adjacent parallel multiple commoning bars.
- Cross-connection barriers - Red coloured in polyamide. Used when it is necessary to guarantee the insulation distance between permanent or switchable cross connections. Inserted between adjacent pairs or groups of terminal blocks and between multiple commoning bars.
- Modular test plugs - Modular test plugs allow final control testing or multiple shunting on rail assemblies. The modular test plug can be placed directly in the housing provided in the terminal block for ease of use.
- Warning Plate - Made of self-extinguishing material, they are used to ensure operating safety on terminal blocks connected to live circuits.

Feed-Through
Terminal Blocks
CBD Series



CBD.2



CBD.35

Order Code	Rated Cable Size (mm)	Current Rating (A)	Terminal Pitch (mm)	Pack Quantity
Feed-Through Terminal Blocks				
CBD.2	2.5	24	5.5	120
CBD.4	4	32	6.5	100
CBD.6	6	41	8	100
CBD.10	10	57	10	100
CBD.16	16	76	12	50
CBD.35	35	101	16	75
CBD.50	50	125	18	50
CBD.70	70	192	20.5	40

Ex(i) Blue Feed-Through Terminal Blocks				
CBD.2EXI	2.5	24	5.5	120
CBD.4EXI	4	32	6.5	100
CBD.6EXI	6	41	8	100
CBD.10EXI	10	57	10	100
CBD.16EXI	16	76	12	50
CBD.35EXI	35	101	16	75
CBD.50EXI	50	125	18	50
CBD.70EXI	70	192	20.5	40

Straight-Through Terminal Block - 2 Common Inputs & Outputs				
CBR.2	2.5	24	5	75

'Big Box' Bulk-Packed Feed-Through Terminal Blocks				
BB/CBD.2	2.5	24	5.5	1400
BB/CBD.4	4	32	6.5	1000
BB/CBD.6	6	41	8	900
BB/CBD.10	10	57	10	600

Order Code	To suit Feed-Through Terminal type	Pack Quantity
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End Sections for Feed-Through Terminal Blocks		
CB.2/PT	CBD.2	50
CB.6/PT	CBD.4 & CBD.6	25
CB.10/PT	CBD.10	25
CB.16/PT	CBD.16	25
CB.35/PT	CBD.35	25
CB.50/PT	CBD.50	10
CB.70/PT	CBD.70	10
CBR/PT	CBR.2	25

End Sections for Ex(i) Blue Feed-Through Terminals		
CB.2/PTEXI	CBD.2	50
CB.6/PTEXI	CBD.4 & CBD.6	25
CB.10/PTEXI	CBD.10	25
CB.16/PTEXI	CBD.16	25
CB.35/PTEXI	CBD.35	25
CB.50/PTEXI	CBD.50	10
CB.70/PTEXI	CBD.70	10

General Characteristics

CBD Series terminal blocks, within Cabur polyamide production, are the basic series having feed-through function.

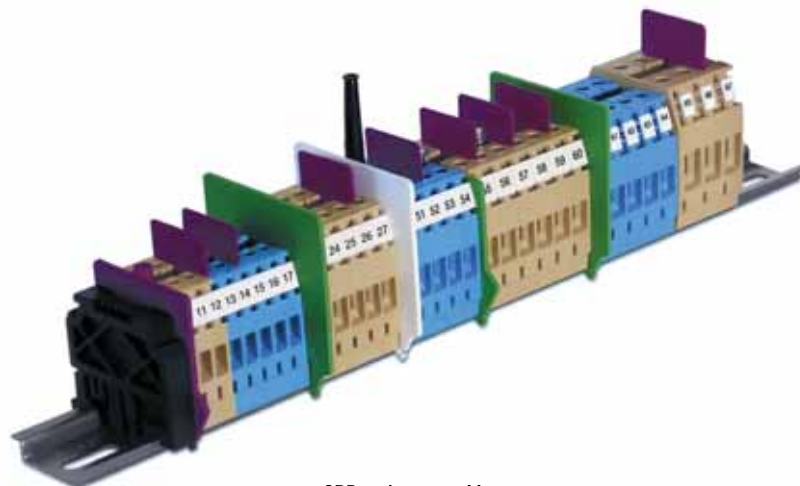
- Reduced overall dimension
- Suitable for both 35mm 'Top Hat' and 32mm 'G' section rail mounting
- Superior effective current carrying capacity,
- Very low contact resistance of the resulting connection
- Ex (i) versions for use in 'intrinsic safety' circuits

Technical Characteristics

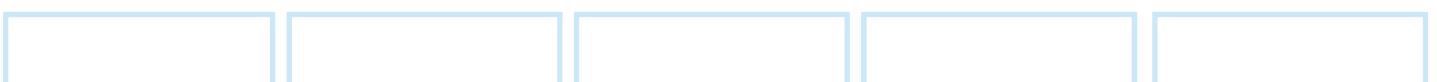
- UL94V-0 polyamide insulating body
- Available in standard beige (RAL 1001)
- Operating temperature range: -40 ÷ +80 °C

Certifications and compliance

- UL
- CSA
- KEMA - KEUR
- BBJ-SEP
- RINA
- IEEE 323 (1E Qualification for Nuclear Power Plants)
- Lloyds Register of Shipping
- ENEL LV27/1



CBD series assembly



Special Version Terminal Blocks



DBC.2/GR



MPS.2/SW/GR



SFR.4/GR

Order Code	Description	Rated Cable Size (mm)	Pack Quantity
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Two & Three Level Terminal Blocks

DBC.2/GR	2 Level Feed-Through - Grey - 35mm 'Top Hat' mounting only	2.5	120
DAS.4	2 Level Feed-Through	4	120
TLD.2	3 Level Feed-Through	2.5	125
TLS.2	3 Level for Sensors	2.5	200

Link Blade Disconnect Terminal Blocks

MPS.2/SW/GR	Link Blade Disconnect - Grey	2.5	120
MPS.2/SW	Link Blade Disconnect	2.5	120
MPS.2/SWP	Link Blade Disconnect with Test Plug	2.5	120
MPS.4	Link Blade Disconnect	4	100

Fused Terminal Blocks

SFR.4/GR	Link Blade 5x20mm 6.3A Max - Grey	4	70
SFR.4	Link Blade 5x20mm 6.3A Max	4	70
SFO.4	Link Blade 5x20mm 6.3A Max - suitable for cross-connection	4	100
SFR.6/GR	Link Blade 6 x 32mm 32A Max - Grey	6	50

Order Code	To suit Terminal type	Pack Quantity
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End Sections for Special Version Terminal Blocks

DBC/PT/GR	Grey for DBC.2/GR	25
DAS/PT	DAS.4	25
TLD/PT	TLD.2	25
TLS/PT	TLS.2	25
MPS.2/PT/GR	Grey for MPS.2/SW/GR	25
MPS.2/PT	MPS.2/SW & MPS.2/SWP	25
MPS.4/PT	MPS.4	25
SFR/PT/GR	Grey for SFR.4/GR	25
SFR/PT	SFR.4	25
SFO/PT	SFO.4	25
SFR.6/PT/GR	Grey for SFR.6/GR	25



General Characteristics - Two & Three-Level Terminal Blocks

Two & three level terminal blocks, with Cabur polyamide insulating body

- Feed-through on 2 or 3 levels
- Suitable for 35mm 'Top Hat' rail mounting
- Version for proximity sensors

Technical Characteristics

- UL94V-0 polyamide insulating body
- Available in standard beige RAL 1001 (or grey RAL 7042 where indicated)

Certifications and compliance

- cURus
- KEMA-KEUR
- Lloyds Register (not DBC.2/GR)
- UL BR (not DBC.2/GR)
- RINA

General Characteristics - Disconnect Terminal Blocks

Disconnect terminals, with Cabur polyamide insulating body

- Possibility to perform cross connections
- Suitable for both 35mm 'Top Hat' and 32mm 'G' rail mounting
- Version with test plug socket

Technical Characteristics

- UL94V-0 polyamide insulating body
- Available in standard beige RAL 1001 (or grey RAL 7042 where indicated)

Certifications and compliance

- cURus
- KEMA-KEUR
- Lloyds Register (MPS.4 only)
- RINA
- UL BR

General Characteristics - Fused Terminal Blocks

Fuseholder terminals, with Cabur polyamide insulating body

- Available for 5x20mm or 6x32mm fuses
- Suitable for both 35mm 'Top Hat' or 32mm 'G' rail mounting

Technical Characteristics

- UL94V-0 polyamide insulating body
- Available in standard beige RAL 1001 (or grey RAL 7042 where indicated)

Certifications and compliance

- cURus
- KEMA-KEUR
- RINA
- Lloyds Register (not SFR.6/GR)
- TERNA LV 27/8 (not SFR.6/GR)
- ENEL DV 27/8 (not SFR.6/GR)

Earth Terminal Blocks



TEO.2



TE.16/O

Order Code	Description	Rated Cable Size (mm)	Pack Qty
Earth Terminal Blocks			
TEO.2	Earth for 35mm 'Top Hat' Rail	2.5	75
CBE.2	Earth 2 in/2 out common for 35mm 'Top Hat' or 32mm 'G' Rail	2.5	70
TEO.4	Earth for 35mm 'Top Hat' Rail	4	50
TED.4	Earth for 32mm 'G' Rail	4	65
TE.6/D	Earth for 32mm 'G' Rail	6	50
TE.6/O	Earth for 35mm 'Top Hat' Rail	6	45
TE.10/D	Earth for 32mm 'G' Rail	10	35
TE.10/O	Earth for 35mm 'Top Hat' Rail	10	35
TE.16/D	Earth for 32mm 'G' Rail	16	30
TE.16/O	Earth for 35mm 'Top Hat' Rail	16	30
TE.50/D	Earth for 32mm 'G' Rail	50	15
TE.50/O	Earth for 35mm 'Top Hat' Rail	50	15
End Sections for Earth Terminal Blocks			
TEO.2/PT	TEO.2		50
CBR/PT	CBE.2		50
CBC.2/4/PT	TEO.4		50

General Characteristics

Earth terminal blocks, with Cabur polyamide green/yellow insulating body

- Versions suitable for either 35mm 'Top Hat' or 32mm 'G' rail mounting

Technical Characteristics

- UL94V-0 polyamide insulating body
- Operating temperature range: -40 ÷ +80 °C

Certifications and compliance

- cURus
- KEMA-KEUR
- RINA
- ENEL LV27/7
- CESI 02ATEX 061 U EEx e certificate

High Current Terminal Blocks



GPA.95/GR



GPM.150/BB



ACB.70/BB

Order Code	Rated Cable/Lug Size (mm)	Current Rating (A)	For mounting on rail type ('G' or 'Top Hat')
GPA Series Clamp-type Power Terminal Blocks			
GPA.70/GR	70/clamp	192	Both
GPA.95/GR	95/clamp	232	Both
GPA.150/GR	150/clamp	309	Both
GPA.240/GR	240/clamp	415	Both
GPM Series Completely Insulated Studded Bar-type Power Feed-Through Terminal Blocks			
GPM.95/BB	95/M8	232	Both
GPM.150/BB	150/M10	309	Both
GPM.240/BB	240/M12	415	Both
ACB/BCA Series Studded Bar-type Power Feed-Through Terminal Blocks			
ACB.70/BB	70/M6	192	'G'
ACB.120/BB	120/M8	269	'G'
ACB.185/BB	185/M12	353	'G'
BCA.70/BB	70/M6	192	'Top Hat'
BCA.120/BB	120/M8	269	'Top Hat'
MBL Series Single Stud-type Power Feed-Through Terminal Blocks			
MBL.50/6	50/M6	150	'G'
MBL.95/8	95/M8	232	'G'
MBL.120/10	120/M10	269	'G'
MBL.150/12	150/M12	309	'G'
Partitions for Power Feed-Through Terminal Blocks			
DUS/1	MBL.50/6 & MBL.95/8		
DUS/3	MBL.120/10 & MBL.150/12		

General Characteristics

Power terminal blocks, with Cabur polyamide insulating body

- Possibility to perform cross connections (GPA & GPM only)
- Versions suitable for both 35mm 'Top Hat' and 32mm 'G' rail mounting
- MBL single stud terminal blocks suitable for the connection of busbars or cable lugs, 30 mm max. width
- ACB/BCA blocks allow the connection of conductors provided with cable lugs, or busbars on both sides
- GPM versions with articulated insulating bodies guarantee IPXXB degree of protection

Technical Characteristics

- UL94V-0 polyamide insulating body
- Operating temperature range: -40 ÷ +80 °C

Certifications and compliance

- cULus pending (GPM only)
- KEMA-KEUR (GPM only)
- RINA (GPM only)
- cURus (MBL only)

Multiple Commoning Bars for Terminal Blocks



PMP Commoning Bar with CPM Screw & Sleeve

Order Code	To suit terminal type	No of Ways per 250mm	Pack Qty
Commoning Bars			
PMP/01	CBD.2, MPS.2	45 way	2m
PMP/42	CBD.4	38 way	2m
PMP/13	CBD.6	31 way	2m
PMP/04	CBD.10	25 way	2m
PMP/05	CBD.16	21 way	2m
PMP/06	CBD.35	16 way	2m
PMP/07	CBD.50	14 way	2m
PMP/08	CBD.70	12 way	2m
PMP/25	CBR.2	50 way	2m
PMP/58	DAS.4	42 way	2m
PMP/02	TLD.2, TLS.2	40 way	2m
PMP/20	SFO.4	31 way	2m

Order Code	To suit terminal type	Pack Qty
Screws & Sleeves for Commoning Bars		
CPM/21	CBD.2, TLD.2, TLS.2	25
CPM/12	CBD.4	25
CPM/83	CBD.6	25
CPM/03	CBD.10	25
CPM/44	CBD.16	25
CPM/06	CBD.35	10
CPM/07	CBD.50	10
CPM/08	CBD.70	10
CPM/25	CBR.2	25
CPM/01	DAS.4	25
CPM/11	MPS.2	25
CPM/20	SFO.4	25

General Characteristics

Commoning bars, shunt screws & sleeves for Cabur rail-mounted terminal blocks

- PMP Commoning Bar suitable for multiple cross-connection of several terminals, whether adjacent or not.
- Supplied in 2m packs (8x 250mm lengths)
- Bar supported by CPM screw & sleeve at correct level on each terminal.

Pre-assembled Cross-connections



PM Pre-assembled cross-connection

Order Code	To suit terminal type	No of Ways	Pack Qty
Pre-assembled Cross-connections			
PM/20/2	CBD.2, TLD.2, TLS.2	2	25
PM/20/3	CBD.2	3	25
PM/20/5	CBD.2	5	25
PM/20/10	CBD.2	10	10
PM/40/2	CBD.4	2	25
PM/40/3	CBD.4	3	25
PM/40/5	CBD.4	5	25
PM/40/10	CBD.4	10	10
PM/60/2	CBD.6	2	25
PM/60/3	CBD.6	3	25
PM/60/5	CBD.6	5	25
PM/60/10	CBD.6	10	10
PM/10/2	CBD.10	2	25
PM/10/3	CBD.10	3	25
PM/10/5	CBD.10	5	25
PM/10/10	CBD.10	10	10
PM/41/2	DAS.4	2	25
PM/51/3	DAS.4	3	25
PM/51/5	DAS.4	5	25
PM/51/10	DAS.4	10	10
PM/91/2	MPS.2	2	25
PM/91/3	MPS.2	3	25
PM/91/5	MPS.2	5	25
PM/91/10	MPS.2	10	10

General Characteristics

Pre-assembled cross-connections for Cabur terminal blocks

- Available in 2, 3, 5 & 10 ways
- Commoning bar complete with screw & sleeve already mounted.
- All components manufactured in nickel-plated brass



Permanent and Switchable Cross-connections



POF Cross-connection

Order Code	To suit terminal type	Pack Qty
Permanent 2-Way Cross Connections		
POF/44	CBD.16	15
POF/06	CBD.35	15
POF/07	CBD.50	15
POF/08	CBD.70	15
POF/20	SFO.4	15
Switchable 2-Way Cross Connections		
POS/11	CBD.2	25
POS/42	CBD.4	25
POS/93	CBD.6	25
POS/44	CBD.10	25
POS/04	CBD.16	25
POS/66	CBD.35	25
POS/07	CBD.50	25
POS/08	CBD.70	25
POS/25	CBR.2	25
POS/43	DAS.4	25
POS/91	MPS.2	25
POS/41	TLD.2	25

Order Code	To suit terminal	No of poles	Current rating (A)	Pack Quantity
'Easy Bridge' permanent cross-connections for CBC Series				
PTC/2/02	CBC.2 DBC.2	2	24	25
PTC/2/03		3		25
PTC/2/05		5		25
PTC/2/10		10		10
PTC/2/00		50		8
PTC/4/02	CBC.4 MPS.4	2	32	25
PTC/4/03		3		25
PTC/4/05		5		25
PTC/4/10		10		10
PTC/4/00		42		8
PTC/6/02	CBC.6	2	41	25
PTC/6/03		3		25
PTC/6/05		5		25
PTC/6/10		10		10
PTC/6/00		31		8
PTC/10/02	CBC.10	2	57	25
PTC/10/03		3		25
PTC/10/05		5		25
PTC/10/10		10		10
PTC/10/00		25		8
Cross-connection identification strip (100mm)				
PTC/SP	To suit CBC.2 - CBC.10			10

General Characteristics - POF cross-connections

Permanent cross-connections allow the cross-connection of two adjacent terminal blocks.

- Composed of 2 screws, 2 sleeves and 1 plate with 2 holes
- Brass nickel plated components

General Characteristics - 'EasyBridge' cross-connections

'Easy Bridge' Cross Connections for CBC, DBC.2 and MPS.4 Terminals

- Available in 2, 3, 5 & 10 ways
- Simply plugs in - No screws to tighten

Partitions



DFU Partitions

Order Code	To suit terminal type	Pack Quantity
Partitions		
DFU/1*	CBD.2	50
DFU/2*	MPS.2	50
DFU/3*	MPS.4, SFR.4, TLD.2, TLS.2	50
DFU/4*	CBC.2 - CBC.35; CBD.4 - CBD.16, CBE.2, CBR.2	50
DFU/5*	CBD.35, CBD.50	25
DFU/6*	CBD.70	25
DFU/7*	DAS.4, SFO.4	25
Partitions for Cross-connections		
DFM/400	TLD.2	50
DFM/600	CBD.2 - CBD.6	50
DFM/700	CBD.10 - CBD.70	50

General Characteristics

DFU/DFP Partitions for Terminal Blocks

- Available in Red, Green or White - please specify when ordering
- Increases insulation distances between terminal blocks
- Coloured partitions make circuits easy to locate

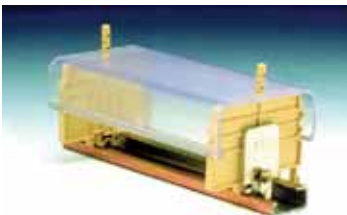
DFM Partitions for Cross-connected Terminal Blocks

- Guarantees insulation distance between permanent or switchable cross connections, or between multiple commoning bars when inserted between groups of terminals

End Brackets & Protection Covers for Terminal Blocks



BTU



PZM Cover with PZD Supports



PRT/P Cover with SPS Supports

Order Code	Description	Pack Qty
End Brackets		
BT/2	End bracket for 15mm rail	25
BT/3	End bracket for 35mm 'Top Hat' rail	25
BT/DIN/PO	End bracket for 32mm 'G' rail	25
BT/U	Universal bracket for 32/35mm rail	25
CDA/BT	End bracket for MBL/ACB/GPM series terminals for 32m 'G' rail	25
Protection Covers		
PZM.4	Cover 64mm wide to suit CBD terminal blocks up to 58mm depth inc mounting rail	2m
PZM.6	Cover 85mm wide to suit CBD terminal blocks over 58mm depth inc mounting rail	2m
Supports for Protection Covers		
PZD.4/SO	Support for PZM.4	20
PZD.6/SO	Support for PZM.6	10
Protection Covers for Multiple Cross Connections		
PRP/6	To suit CBD.2 & CBD.4	10
PRP/7	To suit CBD.6 - CBD.16	10
PRP/8	To suit CBD.35 - CBD.70	10
Protection Covers for High Current Terminal Blocks		
PRT/P	Cover 22x125mm for ACB/BB, BCA/BB & MBL Terminals	
PRT/G	Cover 85x125mm for ACB/BB, BCA/BB & MBL Rear Connected Terminals or unused ways	
Supports for High Current Protection Covers		
SPS/1	Support for PRT Cover to suit ACB.70/BB, ACB.120/BB, BCA.70/BB, BCA.120/BB,	
SPS/3	Support for PRT Cover to suit ACB.185/BB	
SPS/5	Support for PRT Cover to suit MBL.50/6, MBL.95/8, MBL.120/10, MBL.150/12	

General Characteristics - End Brackets

End brackets for Cabur rail-mounted terminal blocks

- Available for 15mm 'Top Hat', 35mm 'Top Hat' and 32mm 'G' section rails
- BT/U Universal version suits both 35mm 'Top Hat' and 32mm 'G' Section rails

General Characteristics - Protection Covers

Protection Covers for Cabur terminal blocks

- Protection against accidental contact or tampering
- PZM covers for terminals up to 70mm capacity
- PRP covers for safety protection of multiple cross-connections performed with PMP commoning bar
- PRT covers for High Current Terminals - Protection of 4 adjacent terminal blocks is performed by means of 2 overlapped PRT covers mounted on 2 SPS supports.

DIN Mounting Rail



ACI121314

Order Code	Description	Pack Qty
DIN Mounting Rail		
PR/3/AC	35mm x 7.5mm 'Top Hat' Rail	40m
PR/3/AS	35mm x 7.5mm 'Top Hat' Rail (Slotted)	40m
PR/3/PP	35mm x 15mm 'Top Hat' Rail	20m
PR/3/PA	35mm x 15mm 'Top Hat' Rail (Slotted)	20m
PR/DIN/AC	32mm 'G' Section Rail	20m
PR/DIN/AS	32mm 'G' Section Rail (Slotted)	20m
Mounting Brackets for DIN Rail		
ACI121213	Straight Mounting Bracket	20
ACI121314	Angled Mounting Bracket	20

General Characteristics

DIN mounting rails for Cabur terminal blocks

- Available in DIN standard 15mm & 35mm 'Top Hat' and also 32mm 'G' section dimensions
- 'CR6-Free' RoHS Compliant
- Supplied in 2m lengths
- Choice of straight or inclined mounting brackets to suit
- 6mm diameter slot



Marking Systems for Terminal Blocks



CNU/8/540

Order Code	Marking & No. of Series	Tags/ Card
Universal Marking Tags		
CNU/8/xxx*	0-9* (Full card of single no)	100
CNU/8/010	10 (Full card of single no)	100
CNU/8/xx**	11-99** (Full card of single no)	100
CNU/8/100	100 (Full card of single no)	100
CNU/8/510	Series 1-10 (10 tags of each no)	100
CNU/8/520	Series 11-20 (10 tags of each no)	100
CNU/8/530	Series 21-30 (10 tags of each no)	100
CNU/8/540	Series 31-40 (10 tags of each no)	100
CNU/8/550	Series 41-50 (10 tags of each no)	100
CNU/8/560	Series 51-60 (10 tags of each no)	100
CNU/8/570	Series 61-70 (10 tags of each no)	100
CNU/8/580	Series 71-80 (10 tags of each no)	100
CNU/8/590	Series 81-90 (10 tags of each no)	100
CNU/8/600	Series 91-100 (10 tags of each no)	100
CNU/8/001	Series 1-50 (2 tags of each no)	100
CNU/8/051	Series 51-100 (2 tags of each no)	100
CNU/8/101	Series 101-150 (2 tags of each no)	100
CNU/8/151	Series 151-200 (2 tags of each no)	100
CNU/8/201	Series 201-250 (2 tags of each no)	100
CNU/8/251	Series 251-300 (2 tags of each no)	100
CNU/8/301	Series 301-350 (2 tags of each no)	100
CNU/8/351	Series 351-400 (2 tags of each no)	100
CNU/8/401	Series 401-450 (2 tags of each no)	100
CNU/8/451	Series 451-500 (2 tags of each no)	100
CNU/8/501	Series 501-550 (2 tags of each no)	100
CNU/8/551	Series 551-600 (2 tags of each no)	100
CNU/8/601	Series 601-650 (2 tags of each no)	100
CNU/8/651	Series 651-700 (2 tags of each no)	100
CNU/8/701	Series 701-750 (2 tags of each no)	100
CNU/8/751	Series 751-800 (2 tags of each no)	100
CNU/8/801	Series 801-850 (2 tags of each no)	100
CNU/8/851	Series 851-900 (2 tags of each no)	100
CNU/8/901	Series 901-950 (2 tags of each no)	100
CNU/8/951	Series 951-999 (2 tags of each no)	100
CNU/8/031	A (Full card of single no)	100
CNU/8/032	B (Full card of single no)	100
CNU/8/033	C (Full card of single no)	100
CNU/8/034	D (Full card of single no)	100
CNU/8/035	E (Full card of single no)	100
CNU/8/036	F (Full card of single no)	100
CNU/8/037	G (Full card of single no)	100
CNU/8/038	H (Full card of single no)	100
CNU/8/043	I (Full card of single no)	100
CNU/8/044	L (Full card of single no)	100
CNU/8/045	M (Full card of single no)	100
CNU/8/016	N (Full card of single no)	100
CNU/8/046	O (Full card of single no)	100
CNU/8/047	P (Full card of single no)	100
CNU/8/048	Q (Full card of single no)	100
CNU/8/013	R (Full card of single no)	100
CNU/8/014	S (Full card of single no)	100
CNU/8/015	T (Full card of single no)	100
CNU/8/017	U (Full card of single no)	100
CNU/8/018	V (Full card of single no)	100
CNU/8/022	Z (Full card of single no)	100
CNU/8/049	J (Full card of single no)	100
CNU/8/050	K (Full card of single no)	100
CNU/8/020	X (Full card of single no)	100
CNU/8/021	Y (Full card of single no)	100
CNU/8/019	W (Full card of single no)	100

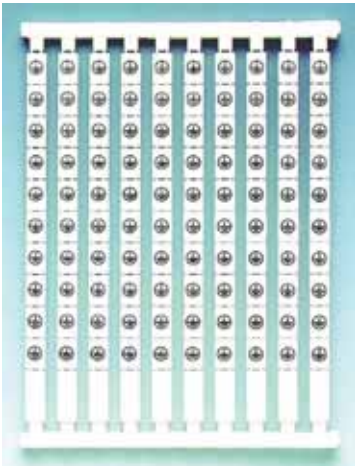
General Characteristics

Universal Marking Tags ideal for marking all types of Cabur Rail-mounted Terminal Blocks.

- White polyamide with black printing
- 5mm standardised pitch and 8mm high
- To be applied directly into position before or after composition of the terminal board

NOTE: *Complete part number with 3x single digit number required
**Complete part number with 2-digit number required

Marking Systems for Terminal Blocks



CNU/8/027

Order Code	Marking & No. of Series	Tags/ Card
Universal Marking Tags		
CNU/8/030	Blank	100
CNU/8/0L1	L1 (Full card of symbol)	100
CNU/8/0L2	L2 (Full card of symbol)	100
CNU/8/0L3	L3 (Full card of symbol)	100
CNU/8/0U1	U1 (Full card of symbol)	100
CNU/8/0U2	U2 (Full card of symbol)	100
CNU/8/0V1	V1 (Full card of symbol)	100
CNU/8/0V2	V2 (Full card of symbol)	100
CNU/8/0W1	W1 (Full card of symbol)	100
CNU/8/0W2	W2 (Full card of symbol)	100
CNU/8/0PE	PE (Full card of symbol)	100
CNU/8/0PN	PEN (Full card of symbol)	100
CNU/8/011	A to Z (4 tags of each letter exc J)	100
CNU/8/012	a to z (4 tags of each letter exc j)	100
CNU/8/023	+ (Full card of symbol)	100
CNU/8/024	- (Full card of symbol)	100
CNU/8/025	= (Full card of symbol)	100
CNU/8/026	⊥ (Full card of symbol)	100
CNU/8/027	⊕ (Full card of symbol)	100
CNU/8/028	(Full card of symbol)	100

General Characteristics

Universal Marking Tags ideal for marking all types of Cabur Rail-mounted Terminal Blocks.

- White polyamide with black printing
- 5mm standardised pitch and 8mm high
- To be applied directly into position before or after composition of the terminal board



Switching Power Supplies



CSB15B



XCSG500C

Order Code	Output Current (A)	Output Power (W)	Input Voltage (V)	Dimensions (mm)
Switching Power Supply - Single Phase Input - 12VDC Output				
CSD15B	1.2	15	120 - 230VAC	35 x 62 x 90
Modular-type Switching Power Supply - Single Phase Input - Adjustable 5 - 15VDC Output				
CSD30E	3.3-1.5	30	120 - 230VAC	71 x 62 x 90
Switching Power Supply - Single Phase Input - Adjustable 12 - 15VDC Output				
CSF30B	1.5-1	30	120 - 230VAC	23 x 99 x 82
CSD50B	3.5 - 3	50		71 x 62 x 90
CSF85B	6	85		39 x 128 x 115
CSF120B	7	120		39 x 128 x 115
CSF240B	16	240		63.5 x 140 x 118
Modular-type Switching Power Supply - Single Phase Input 24VDC Output				
CSD15C	0.6	15	120 - 230VAC	35 x 62 x 90
CSD30C	1.2	30		71 x 62 x 90
CSD50C	2	50		71 x 62 x 90
Switching Power Supply - Single Phase Input - 24VDC Output				
CSF85C	3.5A	85A	120 - 230VAC	39 x 128 x 115
CSF120C	5	120		39 x 128 x 115
CSF240C	10	240		63.5 x 140 x 118
CSF500C	20	500		80 x 139 x 127
Switching Power Supply - 1 or 2 Phase Input - 24VDC Output				
CSW120C	5	120	230 - 400 - 500VAC	55 x 130 x 115
CSW240C	10	240		73 x 137 x 140
Switching Power Supply - Three Phase Input - 24VDC Output				
CSG240C	10	240	400 - 500VAC	90 x 90 x 130
CSG500C	20	500		80 x 139 x 127

General Characteristics

A new generation of switchmode power supplies from Cabur

- Wide range input voltages suitable for worldwide applications
- DIN 35mm 'Top Hat' Rail Mounting
- Protection from short circuit and overload
- High stability
- Low weight, bulk and heat dissipation

Certifications and compliance

- cULus
- CPT

Distribution Terminals



POLM.12



POLM.2/ & 4N

Order Code	No. of Poles	Terminal Size	Colour
Multi-pole Neutral / Earth Terminals			
POLM.7BLU	7	16mm	Blue
POLM.7TE	7	16mm	Green
POLM.12BLU	12	16mm	Blue
POLM.12TE	12	16mm	Green
Protected Distribution Terminal Boards			
Order Code	Rating (A)	No. of busbars	No. of ways & terminal size per busbar
POLM.2/100/N	100	2	5x 6mm, 2x 16mm
POLM.4/100/N	100	4	5x 6mm, 2x 16mm
POLM.2/125/N	125	2	7x 6mm, 2x 16mm, 2x 25mm
POLM.4/125/N	125	4	7x 6mm, 2x 16mm, 2x 25mm
POLM.2/126/N	125	2	11x 6mm, 2x 16mm, 2x 25mm
POLM.4/126/N	125	4	11x 6mm, 2x 16mm, 2x 25mm
POLM.4/160/S	160	4	6x 16mm, 2x 25mm, 1x 35mm
POLM.4/161/N	160	4	9x 16mm, 4x 25mm, 1x 35mm

General Characteristics - Multi-pole Neutral/Earth Terminals

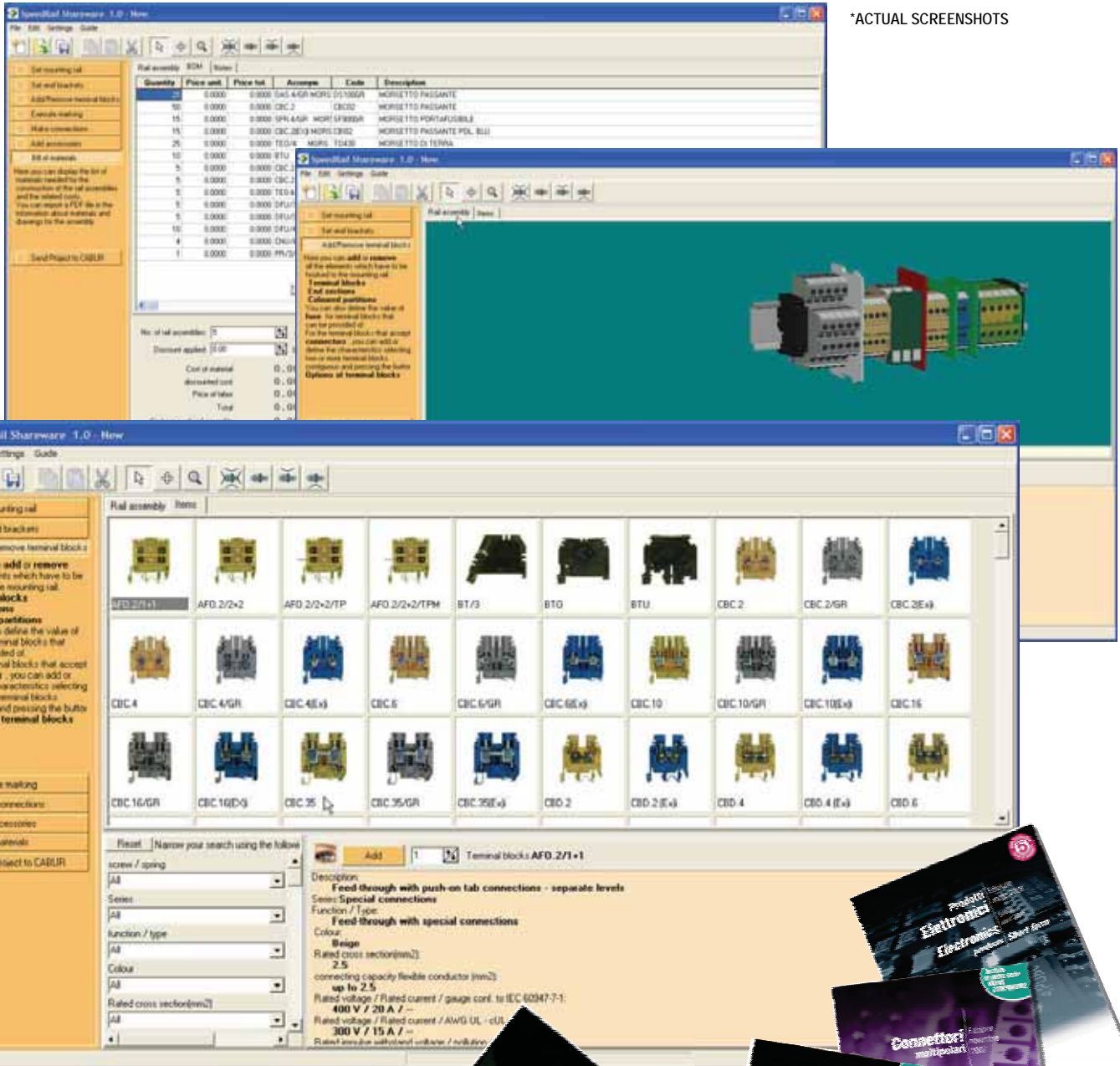
- Multipole Neutral or Earth terminals with 35mm Top Hat Mounting
- PA6 Insulating body

General Characteristics - Protected Distribution Terminal Boards

- Protected distribution terminal boards
- 35mm Top Hat rail mount or direct panel mount
- Removeable busbars
- Ratings from 100A upto 160A

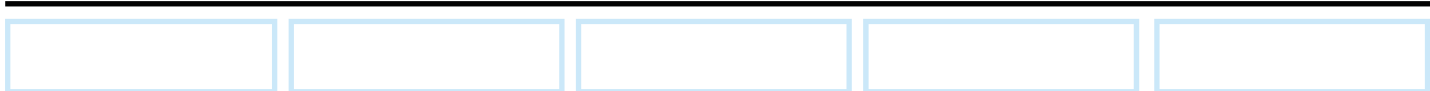


ASK OUR SALES TEAM ABOUT CABUR'S NEW 'SPEEDRAIL'
3D TERMINAL ASSEMBLY DESIGN SOFTWARE:



OTHER EXCITING PRODUCTS FROM CABUR:

- SPRING CLAMP TERMINAL BLOCKS
- INTERFACE RELAY BOARDS
- INSTALLATION ACCESSORIES
- ANALOGUE/DIGITAL CONVERTERS
- MULTIPOLE CONNECTORS



For the past 25 years Canalplast has been a leader in both development and production of wiring ducts for electrical applications. State of the art technology and quality products place Canalplast in a prominent position both in domestic and international markets.

Canalplast's facilities cover an area of more than 20.000 m2. Using constantly updated technologies, Canalplast produces profiles made of high quality materials. These products follow a rigid quality control procedure, from production to packing and storing. Canalplast's facilities house research and development department, as well as administrative and production departments. Approximately 1500 stock items are stored in their 7.500 m2 warehouse.



CANALPLAST

www.canalplast.com



For Canalplast, quality is not a slogan, but a term that implies strict adherence to creating a product of the highest quality. IMQ, CSA and UL certifications are a testament to Canalplast quality mission. Since 1991, Canalplast has also received the following certifications: CSQ, ISO 9001:2000

- > *Open slot panel trunking*
- > *RoHS Compliant*
- > *Zero Halogen versions for safety applications*
- > *Full range of accessories*
- > *Meets International Standards*



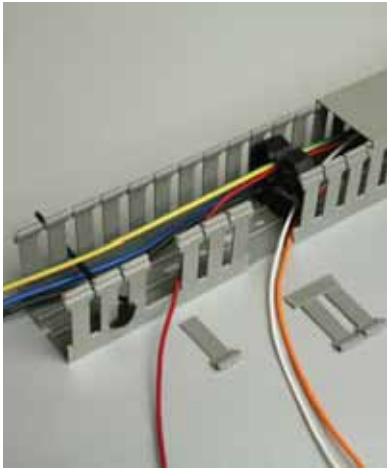
Open Slot Panel Trunking

	SEC. PAGE.
Standard Slot Panel Trunking	2-1
Narrow Slot Panel Trunking	2-2
Angular Panel Trunking	2-2
Halogen Free Panel Trunking	2-3

Trunking Accessories

Markers/Rivets/Cable Retainers	2-3
Flexible Trunking	2-4
Spiral Wrap	2-4

Grey Standard Open Slot Trunking



CZE Standard Slot Trunking

Order Code	Dimensions Base x Height	Pack Qty
	(mm)	(metres)
CZE20*	15 x 17	120
CZE22*	15 x 30	96
CZE16	25 x 30	80
CZE23	40 x 30	48
CZE24	60 x 30	32
CZE25*	15 x 40	72
CZE13	25 x 40	60
CZE8	40 x 40	40
CZE4	60 x 40	24
CZE26	80 x 40	24
CZE27	100 x 40	16
CZE28	120 x 40	16
CZE7	25 x 60	40
CZE5	40 x 60	36
CZE9	60 x 60	24
CZE6	80 x 60	24
CZE17	100 x 60	20
CZE10	120 x 60	16
CZE30	150 x 60	12
CZE31	200 x 60	8
CZE14	25 x 80	32
CZE15	40 x 80	24
CZE11	60 x 80	24
CZE12	80 x 80	24
CZE19	100 x 80	16
CZE32	120 x 80	16
CZE33	150 x 80	12
CZE48	200 x 80	8
CZE34	25 x 100	24
CZE35	40 x 100	16
CZE18	60 x 100	16
CZE36	80 x 100	16
CZE37	100 x 100	16
CZE38	120 x 100	8
CZE39	150 x 100	8
CZE40	200 x 100	8
CZE43	100 x 150	8

General Characteristics

Wiring ducts with large fingers and larger slots for easy insertion of larger wires and cables. Lead free.

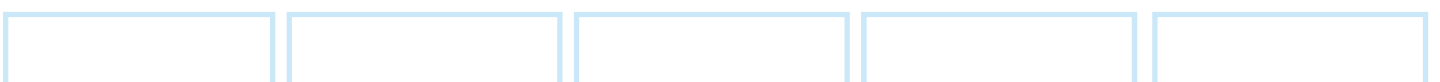
- Smooth wire entry allows for quick insertion of wires
- Built-in wire retainer - double restricted slots on some sizes
- Smooth fingers will not injure the installer or damage cables
- Staggered mounting hole pattern for use in cabinets which are designed to these standards.
- Double scoreline allows easy removal of wall section or individual fingers by hand without the use of tools
- Non-slip cover with exclusive cover design with maximum grip
- RoHS Certified - Lead Free
- Manufactured in 2m lengths

Technical Characteristics

- Wire ducts with 8mm slots
- Self extinguishing rigid PVC Class 1 (UL94-V0)
- Colour: Grey - RAL7030

Certifications and compliance

- A Norme EN50085-2-3
- CSA
- UR
- RINA
- CE marked



Grey Narrow Open Slot Trunking



CZE..4 Narrow Slot Trunking

Order Code	Dimensions	Pack Qty
	Base x Height (mm)	(metres)
CZE164	25 x 30	80
CZE134	25 x 40	60
CZE84	40 x 40	40
CZE44	60 x 40	24
CZE264	80 x 40	24
CZE74	25 x 60	40
CZE54	40 x 60	36
CZE94	60 x 60	24
CZE64	80 x 60	24
CZE174	100 x 60	20
CZE104	120 x 60	16
CZE144	25 x 80	32
CZE154	40 x 80	24
CZE114	60 x 80	24
CZE124	80 x 80	24
CZE194	100 x 80	16
CZE324	120 x 80	16
CZE344	25 x 100	24
CZE354	40 x 100	16
CZE184	60 x 100	16
CZE364	80 x 100	16
CZE374	100 x 100	16

General Characteristics

Designed for terminal block and Din component applications with higher number of entries into the duct. Lead free.

- Smooth wire entry allows for quick insertion of wires
- Built-in wire retainer - double restricted slots on some sizes
- Smooth fingers will not injure the installer or damage cables
- Staggered mounting hole pattern for use in cabinets which are designed to these standards.
- Double scoreline allows easy removal of wall section or individual fingers by hand without the use of tools
- Non-slip cover with exclusive cover design with maximum grip
- RoHS Certified - Lead Free
- Manufactured in 2m lengths

Technical Characteristics

- Wire ducts with 4mm slots
- Self extinguishing rigid PVC Class 1 (UL94-V0)
- Colour: Grey - RAL7030

Certifications and compliance

- A Norme EN50085-2-3
- CSA
- UR
- RINA
- CE marked

'EDGE' Trunking



CZED110K60

Order Code	Dimensions (mm)	Pack Qty (metres)
CZED110K60	110 x 110 x 60	8

General Characteristics

EDGE angular slotted trunking with 4mm slots for electrical panels. The Edge wire duct is designed to be used on the very corner of the enclosure where the space is normally not utilized. This system allows wires and cables to be routed professionally to the lateral panels.

- One single size, 110 X 110 mm with 60 mm opening
- Colour: Grey - RAL7030
- RoHS Certified - Lead Free
- Manufactured in 2m lengths

Spare Trunking Lid



CZGCOP Trunking Lid

Order Code	To suit trunking base width (mm)
CZGCOP25	25
CZGCOP40	40
CZGCOP60	60
CZGCOP80	80
CZGCOP100	100
CZGCOP150	150

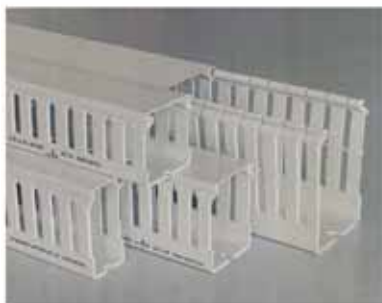
General Characteristics

Covers for Standard and Narrow Slot Trunking.

- Supplied in 2m lengths
- Colour: Grey - RAL7030
- RoHS Certified - Lead Free



Halogen Free Open Slot Trunking



EHF Halogen-free Open Slot Trunking

Order Code	Dimensions	Pack Qty
	Base x Height (mm)	(metres)
EHF2525	25 x 25	***
EHF2537	25 x 37.5	***
EHF2550	25 x 50	52
EHF2575	25 x 75	32
EHF3737	37.5 x 37.5	48
EHF3750	37.5 x 50	32
EHF3775	37.5 x 75	32
EHF5050	50 x 50	24
EHF5075	50 x 75	24
EHF7550	75 x 50	24
EHF7575	75 x 75	16
EHF10050	100 x 50	16
EHF10075	100 x 75	16
EHF12575	125 x 75	12

***Contact our Sales Department for pack quantity details

General Characteristics

Alofree wiring ducts are safe products: free from halogen additives, they do not release toxic or corrosive gases and do not propagate flames as the surface carbonisation prevents the material from catching fire, even when in direct contact with the flames. They develop good resistance to chemical and marine substances and have high insulating power. All the corners in the open type trunking are rounded to prevent injury and to avoid cuts in the cable insulation.

They are recommended for use in:

- Public buildings with a high density of people such as: Hotels, Cinemas, Theatres, Supermarkets, Offices, Banks
- Rail Vehicles: Underground Trains, High Speed Trains etc
- Hostile environments such as: Nuclear reactors, Petrochemical plants, Offshore Oil Platforms
- Military applications such as: Aircraft, Armoured vehicles, Submarines, Ships

Technical Characteristics

- UL94-VO
- NFF2 (old VDE 0472 prt 815)
- Temperature class 113 (-25degC to +105degC)
- Available in standard grey colour RAL7035
- Manufactured in 2m lengths

Approvals & Certification

- CE

Flexible Open Slot Ducting



FLX - Flexible Open Slot Ducting

Order Code	Dimensions	Pack Qty
	B x H (mm)	(metres)
FLX10	12.5 x 12.5	25
FLX20	20 x 20	25
FLX30	30 x 30	25
FLX40	40 x 40	25

General Characteristics

- Self Adhesive flexible ducting
- Self-extinguishing UL94-V2 Nylon
- Temperature range -15degC to +80degC



Trunking Accessories



PTE Label Holder



PTR Cross-arm accessory



RIV1 6.5mm Rivet



PRRIV1 Rivet Tool

Order Code	Description	Pack Qty
Marking Accessory		
PTE	Label Holder	50
Rivets & Rivet Tool		
RIV1	6.5mm Rivet	200
RIV2	4.5mm Rivet	200
PRRIV1	Rivet Tool 6.5mm	1
PRRIV2	Rivet Tool 4.5mm	1
Cross Arm Accessory		
PTR	Cross-arm retainer	25

General Characteristics

- PTE Label Holder for Labelling CZE/E4 Trunking
- RIV1/RIV2 Nylon rivets for fixing trunking to panel
- PTR Cross Arm Accessory used to retain cables when trunking cover is removed. Adjustable along finger height to retain large or small wire bundles. Can be cut down to suit base width of trunking.

Spiral Flexible Wrap

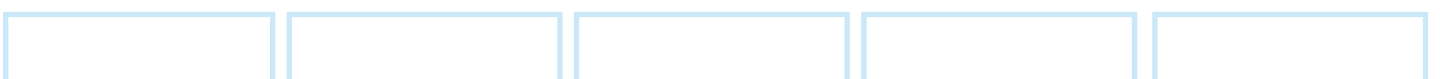



CP Transparent Spiral Flexible Wrap

Order Code	Dimensions Dia (mm)	Pack Qty (metres)
Normal/Transparent		
CP3	3	50
CP6	6	25
CP10	10	25
CP12	12	25
Normal/Black		
CPN3	3	50
CPN6	6	25
CPN10	10	25
CPN12	12	25
Self-extinguishing UL94-V2		
CPA3	3	50
CPA6	6	25
CPA10	10	25
CPA12	12	25

General Characteristics

- Spiral flexible ducting for wire bundles
- Manufactured in Polyethylene



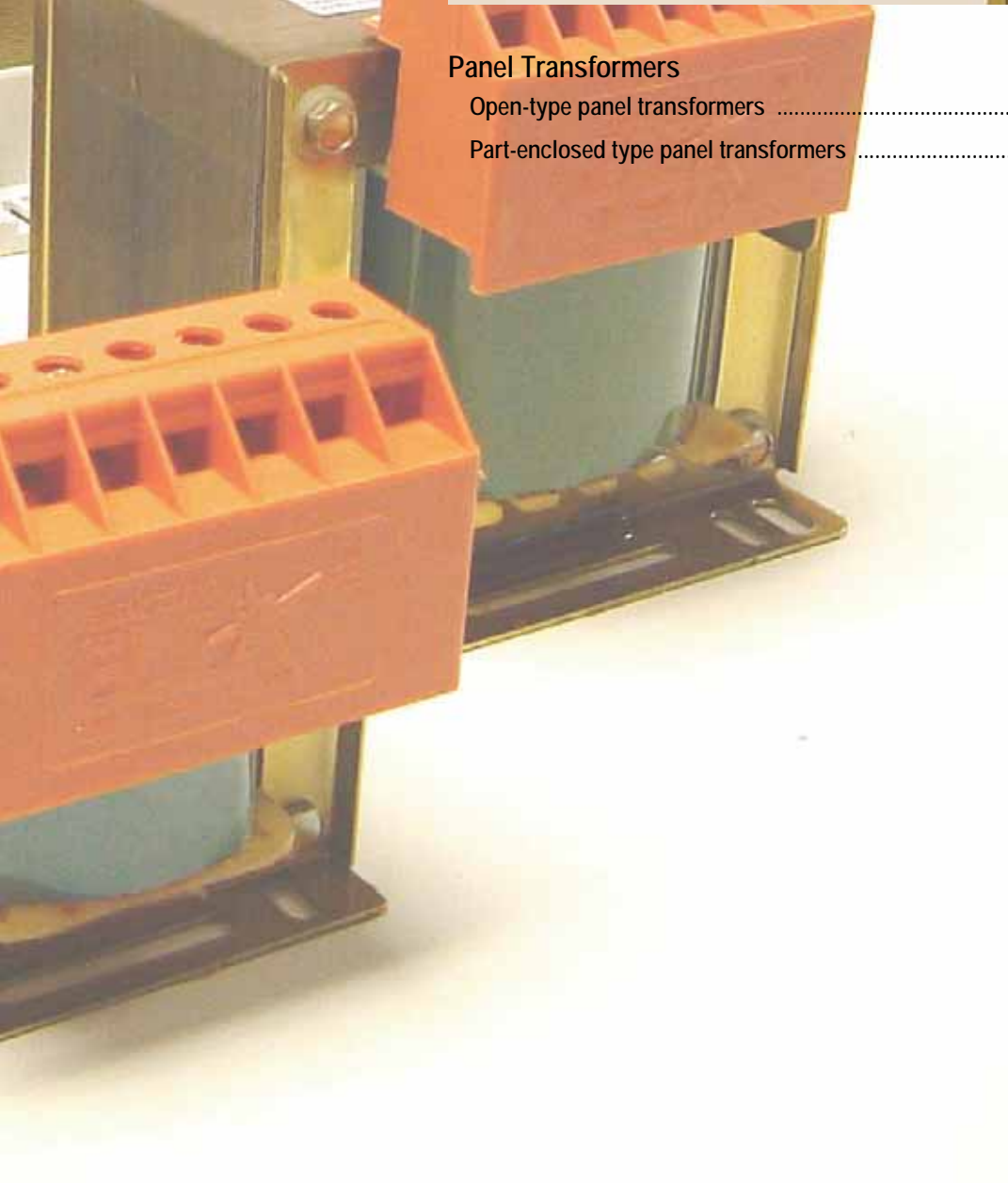
Elca has over 30 years' manufacturing experience in the electromechanical and electronic fields. Dynamism, professionalism, and a solid strategy of continuous growth, have strengthened its position on the national and international markets. Thanks to a prudent and focused investment policy carried out over the years, Elca now boasts a strong production unit equipped with state-of-the-art equipment and systems, ensuring the highest quality and standards of manufacture. Elca has always aimed towards customer satisfaction, therefore has always guaranteed that its products comply with the technical and safety requirements fixed by the European and international regulations in force. As a consequence Elca has adopted a constructive philosophy addressing the latest quality standards: The  homologation and also the CE mark on all its products. Elca, with its state-of-the-art technology, pays great attention to the improvement of service and of customer satisfaction; this dedication has been confirmed by the achievement of ISO 9001:2000 certification. Elca considers the Quality System an essential aspect to grow professionally, to develop the business and to improve the relationship with our valued customers.



WWW. ELCA TRANSFORMERS. CO. UK



- > *Open-type panel transformers*
- > *Version for DIN Rail mount*
- > *Available upto 2kVA rating*



Panel Transformers

SEC. PAGE

Open-type panel transformers	3-1
Part-enclosed type panel transformers	3-2

Open-type Panel Transformers



TM series

Order Code	Primary Voltage (AC)	Secondary Voltage (AC)	Dimensions HWD (mm)
30VA Rated			
TM030.240.024	220/240	24	75x75x65
50VA Rated			
TM050.240.024	220/240	24	82x85x75
TM050.240.110	220/240	110	
TM050.415.024	380/415	24	
TM050.415.110	380/415	110	
TM050.415.240	380/415	240	
100VA Rated			
TM110.240.024	220/240	24	82x85x95
TM110.240.110	220/240	110	
TM110.415.024	380/415	24	
TM110.415.110	380/415	110	
TM110.415.240	380/415	240	
150VA Rated			
TM115.240.024	220/240	24	105x100x95
TM115.240.110	220/240	110	
TM115.415.024	380/415	24	
TM115.415.110	380/415	110	
TM115.415.240	380/415	240	
200VA Rated			
TM120.240.024	220/240	24	105x100x105
TM120.240.110	220/240	110	
TM120.415.024	380/415	24	
TM120.415.110	380/415	110	
TM120.415.240	380/415	240	
300VA Rated			
TM130.240.024	220/240	24	120x122x95
TM130.240.110	220/240	110	
TM130.415.024	380/415	24	
TM130.415.110	380/415	110	
TM130.415.240	380/415	240	
400VA Rated			
TM140.240.024	220/240	24	120x122x115
TM140.240.110	220/240	110	
TM140.415.024	380/415	24	
TM140.415.110	380/415	110	
TM140.415.240	380/415	240	
500VA Rated			
TM150.240.024	220/240	24	120x122x135
TM150.240.110	220/240	110	
TM150.415.024	380/415	24	
TM150.415.110	380/415	110	
TM150.415.240	380/415	240	
750VA Rated			
TM175.240.024	220/240	24	150x155x125
TM175.240.110	220/240	110	
TM175.415.110	380/415	110	
TM175.415.240	380/415	240	
1000VA			
TM210.240.024	220/240	24	150x155x145
TM210.240.110	220/240	110	
TM210.415.110	380/415	110	
TM210.415.240	380/415	240	
2000VA			
TM220.240.110	220/240	110	195x200x155
TM220.415.110	380/415	110	
TM220.415.240	380/415	240	

General Characteristics

Open-style single phase separation-type power transformers for electrical panels

- Simple wiring via large terminal block
- Double-wound centre-tapped construction
- Low loss laminations
- Earth connection on frame
- Available in sizes 30VA upto 2kVA

Technical Characteristics

- Thermal insulation Class B
- Insulation Voltage Primary/Secondary 3.5kV
- Max Ambient Temp 40degC
- Frequency 50/60Hz
- Electrical protection Class I

Weights

- 30VA 1kg
- 50VA 1.5kg
- 100VA 2.3kg
- 150VA 2.7kg
- 200VA 3.2kg
- 300VA 4.2kg
- 400VA 5.8kg
- 500VA 7.8kg
- 750VA 9kg
- 1000VA 11.5kg
- 2000VA 17kg

Certifications and compliance

- In accordance with EN61558-2-1
- In accordance with CEI14-8
- In accordance with IEC726

Part-enclosed Panel Transformers



TMCV series

Order Code	Primary Voltage (AC)	Secondary Voltage (AC)	Dimensions HWD (mm)
30VA Rated			
TMCV30.400.24	230/400	12/24	90x89x115
TMCV30.400.48	230/400	24/48	
TMCV30.400.110	230/400	55/110	
TMCV30.400.230	230/400	115/230	
50VA Rated			
TMCV50.400.24	230/400	12/24	100x89x115
TMCV50.400.48	230/400	24/48	
TMCV50.400.110	230/400	55/110	
TMCV50.400.230	230/400	115/230	
75VA Rated			
TMCV75.400.24	230/400	12/24	110x89x115
TMCV75.400.48	230/400	24/48	
TMCV75.400.110	230/400	55/110	
TMCV75.400.230	230/400	115/230	
100VA Rated			
TMCV110.400.24	230/400	12/24	120x89x115
TMCV110.400.48	230/400	24/48	
TMCV110.400.110	230/400	55/110	
TMCV110.400.230	230/400	115/230	
150VA Rated			
TMCV115.400.24	230/400	12/24	120x101x125
TMCV115.400.48	230/400	24/48	
TMCV115.400.110	230/400	55/110	
TMCV115.400.230	230/400	115/230	
200VA Rated			
TMCV120.400.24	230/400	12/24	130x101x125
TMCV120.400.48	230/400	24/48	
TMCV120.400.110	230/400	55/110	
TMCV120.400.230	230/400	115/230	
250VA Rated			
TMCV125.400.24	230/400	12/24	140x101x125
TMCV125.400.48	230/400	24/48	
TMCV125.400.110	230/400	55/110	
TMCV125.400.230	230/400	115/230	
300VA Rated			
TMCV130.400.24	230/400	12/24	132x125x145
TMCV130.400.48	230/400	24/48	
TMCV130.400.110	230/400	55/110	
TMCV130.400.230	230/400	115/230	
400VA Rated			
TMCV140.400.24	230/400	12/24	142x125x145
TMCV140.400.48	230/400	24/48	
TMCV140.400.110	230/400	55/110	
TMCV140.400.230	230/400	115/230	
500VA Rated			
TMCV150.400.24	230/400	12/24	152x125x145
TMCV150.400.48	230/400	24/48	
TMCV150.400.110	230/400	55/110	
TMCV150.400.230	230/400	115/230	
600VA Rated			
TMCV160.400.24	230/400	12/24	162x125x145
TMCV160.400.48	230/400	24/48	
TMCV160.400.110	230/400	55/110	
TMCV160.400.230	230/400	115/230	

General Characteristics

Part-enclosed (IP20) single phase separation-type power transformers for electrical panels

- Simple wiring via integral terminal block
- Dual input primary voltage (230/400V)
- Low loss laminations
- Available in sizes 30VA upto 600VA
- DIN Rail Mountable upto 150VA

Technical Characteristics

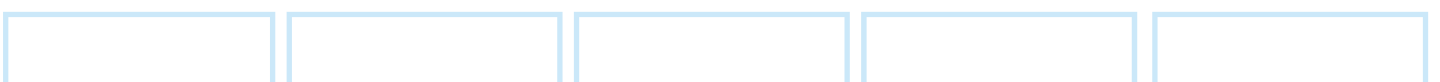
- Thermal insulation Class B
- IP20 finger protection
- Insulation Voltage Primary/Secondary 3.5kV
- Max Ambient Temp 40degC
- Frequency 50/60Hz
- Electrical protection Class I
- +/- 15V regulation tappings on primary

Weights

- 30VA 1kg
- 50VA 1.6kg
- 75VA 2kg
- 100VA 2.5kg
- 150VA 3.2kg
- 200VA 3.5kg
- 250VA 3.9kg
- 300VA 5kg
- 400VA 6.2kg
- 500VA 6.9kg
- 600VA 7.8kg

Certifications and compliance

- In accordance with EN61558-2-2



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Product Code	Page	Product Code	Page	Product Code	Page	Product Code	Page	Product Code	Page
ACB.120/BB	1-5	CBD.50EXI	1-3	CNU/8/151	1-9	CSF240B	1-11	CZE6	2-1
ACB.185/BB	1-5	CBD.6	1-3	CNU/8/201	1-9	CSF240C	1-11	CZE64	2-2
ACB.70/BB	1-5	CBD.6EXI	1-3	CNU/8/251	1-9	CSF30B	1-11	CZE7	2-1
ACI121213	1-8	CBD.70	1-3	CNU/8/301	1-9	CSF500C	1-11	CZE74	2-2
ACI121314	1-8	CBD.70EXI	1-3	CNU/8/351	1-9	CSF85B	1-11	CZE8	2-1
BB/CBC.2/GR	1-1	CBE.2	1-5	CNU/8/401	1-9	CSF85C	1-11	CZE84	2-2
BB/CBC.4/GR	1-1	CBR.2	1-3	CNU/8/451	1-9	CSG240C	1-11	CZE9	2-1
BB/CBD.10	1-3	CBR/PT	1-3	CNU/8/501	1-9	CSG500C	1-11	CZE94	2-2
BB/CBD.2	1-3	CBR/PT	1-5	CNU/8/510	1-9	CSW120C	1-11	CZED110K60	2-2
BB/CBD.4	1-3	CDA/BT	1-8	CNU/8/520	1-9	CSW240C	1-11	CZGCOP100	2-2
BB/CBD.6	1-3	CNU/8/001	1-9	CNU/8/530	1-9	CZE10	2-1	CZGCOP150	2-2
BCA.120/BB	1-5	CNU/8/010	1-9	CNU/8/540	1-9	CZE104	2-2	CZGCOP25	2-2
BCA.70/BB	1-5	CNU/8/011	1-10	CNU/8/550	1-9	CZE11	2-1	CZGCOP40	2-2
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BT/3	1-8	CNU/8/013	1-9	CNU/8/560	1-9	CZE12	2-1	CZGCOP80	2-2
BT/DIN/PO	1-8	CNU/8/014	1-9	CNU/8/570	1-9	CZE124	2-2	DAS.4	1-4
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CB.10/PT	1-3	CNU/8/016	1-9	CNU/8/590	1-9	CZE134	2-2	DBC.2/GR	1-4
CB.10/PTEXI	1-3	CNU/8/017	1-9	CNU/8/600	1-9	CZE14	2-1	DBC/PT/GR	1-4
CB.16/PT	1-3	CNU/8/018	1-9	CNU/8/601	1-9	CZE144	2-2	DFM/400	1-7
CB.16/PTEXI	1-3	CNU/8/019	1-9	CNU/8/651	1-9	CZE15	2-1	DFM/600	1-7
CB.2/PT	1-3	CNU/8/020	1-9	CNU/8/701	1-9	CZE154	2-2	DFM/700	1-2
CB.2/PTEXI	1-3	CNU/8/021	1-9	CNU/8/751	1-9	CZE16	2-1	DFM/700	1-7
CB.35/PT	1-3	CNU/8/022	1-9	CNU/8/801	1-9	CZE164	2-2	DFM/900	1-2
CB.35/PTEXI	1-3	CNU/8/023	1-10	CNU/8/851	1-9	CZE17	2-1	DFU.2*	1-7
CB.50/PT	1-3	CNU/8/024	1-10	CNU/8/901	1-9	CZE174	2-2	DFU/1*	1-7
CB.50/PTEXI	1-3	CNU/8/025	1-10	CNU/8/951	1-9	CZE18	2-1	DFU/3*	1-7
CB.6/PT	1-3	CNU/8/026	1-10	CNU/8/xxx**	1-9	CZE184	2-2	DFU/4 (RED, WHI or GRN)	1-2, 1-7
CB.6/PTEXI	1-3	CNU/8/027	1-10	CNU/8/xxx*	1-9	CZE19	2-1	DFU/5*	1-7
CB.70/PT	1-3	CNU/8/028	1-10	CP10	2-4	CZE194	2-2	DFU/6*	1-7
CB.70/PTEXI	1-3	CNU/8/030	1-10	CP12	2-4	CZE20*	2-1	DFU/7*	1-7
CBC.10 (Ex)i	1-1	CNU/8/031	1-9	CP3	2-4	CZE22*	2-1	DUS/1	1-5
CBC.10/GR	1-1	CNU/8/032	1-9	CP6	2-4	CZE23	2-1	DUS/3	1-5
CBC.16 (Ex)i	1-1	CNU/8/033	1-9	CPA10	2-4	CZE24	2-1	EHF10050	2-3
CBC.16/GR	1-1	CNU/8/034	1-9	CPA12	2-4	CZE25*	2-1	EHF10075	2-3
CBC.16/PT (Ex)i	1-2	CNU/8/035	1-9	CPA3	2-4	CZE26	2-1	EHF12575	2-3
CBC.16/PT/GR	1-2	CNU/8/036	1-9	CPA6	2-4	CZE264	2-2	EHF2525	2-3
CBC.2 (Ex)i	1-1	CNU/8/037	1-9	CPM01	1-6	CZE27	2-1	EHF2537	2-3
CBC.2/4/PT	1-5	CNU/8/038	1-9	CPM03	1-6	CZE28	2-1	EHF2550	2-3
CBC.2/GR	1-1	CNU/8/043	1-9	CPM06	1-6	CZE30	2-1	EHF2575	2-3
CBC.2-10/PT (Ex)i	1-2	CNU/8/044	1-9	CPM07	1-6	CZE31	2-1	EHF3737	2-3
CBC.2-10/PT/GR	1-2	CNU/8/045	1-9	CPM08	1-6	CZE32	2-1	EHF3750	2-3
CBC.35 (Ex)i	1-1	CNU/8/046	1-9	CPM11	1-6	CZE324	2-2	EHF3775	2-3
CBC.35/GR	1-1	CNU/8/047	1-9	CPM12	1-6	CZE33	2-1	EHF5050	2-3
CBC.35/PT (Ex)i	1-2	CNU/8/048	1-9	CPM20	1-6	CZE34	2-1	EHF5075	2-3
CBC.35/PT/GR	1-2	CNU/8/049	1-9	CPM21	1-6	CZE344	2-2	EHF7550	2-3
CBC.4(Ex)i	1-1	CNU/8/050	1-9	CPM25	1-6	CZE35	2-1	EHF7575	2-3
CBC.4/GR	1-1	CNU/8/051	1-9	CPM44	1-6	CZE354	2-2	FLX10	2-3
CBC.6(Ex)i	1-1	CNU/8/0L1	1-10	CPM83	1-6	CZE36	2-1	FLX20	2-3
CBC.6/GR	1-1	CNU/8/0L2	1-10	CPN10	2-4	CZE364	2-2	FLX30	2-3
CBD.10	1-3	CNU/8/0L3	1-10	CPN12	2-4	CZE37	2-1	FLX40	2-3
CBD.10EXI	1-3	CNU/8/0PE	1-10	CPN3	2-4	CZE374	2-2	GPA.150/GR	1-5
CBD.16	1-3	CNU/8/0PN	1-10	CPN6	2-4	CZE38	2-1	GPA.240/GR	1-5
CBD.16EXI	1-3	CNU/8/0U1	1-10	CSD15B	1-11	CZE39	2-1	GPA.70/GR	1-5
CBD.2	1-3	CNU/8/0U2	1-10	CSD15C	1-11	CZE4	2-1	GPA.95/GR	1-5
CBD.2EXI	1-3	CNU/8/0V1	1-10	CSD30C	1-11	CZE40	2-1	GPM.150/BB	1-5
CBD.35	1-3	CNU/8/0V2	1-10	CSD30E	1-11	CZE43	2-1	GPM.240/BB	1-5
CBD.35EXI	1-3	CNU/8/0W1	1-10	CSD50B	1-11	CZE44	2-2	GPM.95/BB	1-5
CBD.4	1-3	CNU/8/0W2	1-10	CSD50C	1-11	CZE48	2-1	MBL.120/10	1-5
CBD.4EXI	1-3	CNU/8/100	1-9	CSF120B	1-11	CZE5	2-1	MBL.150/12	1-5
CBD.50	1-3	CNU/8/101	1-9	CSF120C	1-11	CZE54	2-2	MBL.50/6	1-5

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MPS.2/PT/GR	1-4	POS/08	1-7	SFR/PT/GR	1-4	TM175.240.024	3-1
MPS.2/SW	1-4	POS/11	1-7	SPS/1	1-8	TM175.240.110	3-1
MPS.2/SW/GR	1-4	POS/25	1-7	SPS/3	1-8	TM175.415.110	3-1
MPS.2/SWP	1-4	POS/41	1-7	SPS/5	1-8	TM175.415.240	3-1
MPS.4	1-4	POS/42	1-7	TE.10/D	1-5	TM210.240.024	3-1
MPS.4/PT	1-4	POS/43	1-7	TE.10/O	1-5	TM210.240.110	3-1
PM/10/10	1-6	POS/44	1-7	TE.16/D	1-5	TM210.415.110	3-1
PM/10/2	1-6	POS/66	1-7	TE.16/O	1-5	TM210.415.240	3-1
PM/10/3	1-6	POS/91	1-7	TE.50/D	1-5	TM220.240.110	3-1
PM/10/5	1-6	POS/93	1-7	TE.50/O	1-5	TM220.415.110	3-1
PM/20/10	1-6	PR/3/AC	1-8	TE.6/D	1-5	TM220.415.240	3-1
PM/20/2	1-6	PR/3/AS	1-8	TE.6/O	1-5	TMCV110.400.110	3-2
PM/20/3	1-6	PR/3/PA	1-8	TEC.10/O	1-1	TMCV110.400.230	3-2
PM/20/5	1-6	PR/3/PP	1-8	TEC.16/O	1-1	TMCV110.400.24	3-2
PM/40/10	1-6	PR/DIN/AC	1-8	TEC.35/O	1-1	TMCV110.400.48	3-2
PM/40/2	1-6	PR/DIN/AS	1-8	TEC.6/O	1-1	TMCV115.400.110	3-2
PM/40/3	1-6	PRP/6	1-8	TEC.70/O	1-1	TMCV115.400.230	3-2
PM/40/5	1-6	PRP/7	1-8	TED.4	1-5	TMCV115.400.24	3-2
PM/41/2	1-6	PRP/7/G	1-2	TEO.2	1-1	TMCV115.400.48	3-2
PM/51/10	1-6	PRP/8	1-8	TEO.2	1-5	TMCV120.400.110	3-2
PM/51/3	1-6	PRRIV1	2-4	TEO.2/PT	1-5	TMCV120.400.230	3-2
PM/51/5	1-6	PRRIV2	2-4	TEO.4	1-1	TMCV120.400.24	3-2
PM/60/10	1-6	PRT/G	1-8	TEO.4	1-5	TMCV120.400.48	3-2
PM/60/2	1-6	PRT/P	1-8	TLD.2	1-4	TMCV125.400.110	3-2
PM/60/3	1-6	PSD/8	1-2	TLD/PT	1-4	TMCV125.400.230	3-2
PM/60/5	1-6	PTC/10/00	1-2, 1-7	TLS.2	1-4	TMCV125.400.24	3-2
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PM/91/5	1-6	PTC/10/10	1-2, 1-7	TM050.240.110	3-1	TMCV130.400.24	3-2
PMP/01	1-6	PTC/2/00	1-2, 1-7	TM050.415.024	3-1	TMCV130.400.48	3-2
PMP/02	1-6	PTC/2/02	1-2, 1-7	TM050.415.110	3-1	TMCV140.400.110	3-2
PMP/04	1-6	PTC/2/03	1-2, 1-7	TM050.415.240	3-1	TMCV140.400.230	3-2
PMP/05	1-6	PTC/2/05	1-2, 1-7	TM110.240.024	3-1	TMCV140.400.24	3-2
PMP/06	1-6	PTC/2/10	1-2, 1-7	TM110.240.110	3-1	TMCV140.400.48	3-2
PMP/07	1-6	PTC/4/00	1-2, 1-7	TM110.415.024	3-1	TMCV150.400.110	3-2
PMP/08	1-6	PTC/4/02	1-2, 1-7	TM110.415.110	3-1	TMCV150.400.230	3-2
PMP/13	1-6	PTC/4/03	1-2, 1-7	TM110.415.240	3-1	TMCV150.400.24	3-2
PMP/20	1-6	PTC/4/05	1-2, 1-7	TM115.240.024	3-1	TMCV150.400.48	3-2
PMP/25	1-6	PTC/4/10	1-2, 1-7	TM115.240.110	3-1	TMCV160.400.110	3-2
PMP/42	1-6	PTC/6/00	1-2, 1-7	TM115.415.024	3-1	TMCV160.400.230	3-2
PMP/58	1-6	PTC/6/02	1-2, 1-7	TM115.415.110	3-1	TMCV160.400.24	3-2
POF/06	1-2	PTC/6/03	1-2, 1-7	TM115.415.240	3-1	TMCV160.400.48	3-2
POF/06	1-7	PTC/6/05	1-2, 1-7	TM120.240.024	3-1	TMCV30.400.110	3-2
POF/07	1-7	PTC/6/10	1-2, 1-7	TM120.240.110	3-1	TMCV30.400.230	3-2
POF/08	1-7	PTC/SP	1-2, 1-7	TM120.415.024	3-1	TMCV30.400.24	3-2
POF/20	1-7	PTE	2-4	TM120.415.110	3-1	TMCV30.400.48	3-2
POF/44	1-7	PTR	2-4	TM120.415.240	3-1	TMCV50.400.110	3-2
POF/53	1-2	PZD.4/SO	1-8	TM130.240.024	3-1	TMCV50.400.230	3-2
POLM.12BLU	1-11	PZD.6/SO	1-8	TM130.240.110	3-1	TMCV50.400.24	3-2
POLM.12TE	1-11	PZM.4	1-8	TM130.415.024	3-1	TMCV50.400.48	3-2
POLM.2/100/N	1-11	PZM.6	1-8	TM130.415.110	3-1	TMCV75.400.110	3-2
POLM.2/125/N	1-11	RIV1	2-4	TM130.415.240	3-1	TMCV75.400.230	3-2
POLM.2/126/N	1-11	RIV2	2-4	TM140.240.024	3-1	TMCV75.400.24	3-2
POLM.4/100/N	1-11	SDC/5	1-2	TM140.240.110	3-1	TMCV75.400.48	3-2
POLM.4/125/N	1-11	SDC/5P	1-2	TM140.415.024	3-1	TUM/06	1-2
POLM.4/126/N	1-11	SDC/6	1-2	TM140.415.110	3-1	TUM/16	1-2
POLM.4/160/S	1-11	SDC/6P	1-2	TM140.415.240	3-1		
POLM.4/161/N	1-11	SDC/POL	1-2	TM150.240.024	3-1		
POLM.7BLU	1-11	SDD/2	1-2	TM150.240.110	3-1		
POLM.7TE	1-11	SFO/PT	1-4	TM150.415.024	3-1		



Switch Disconnectors



Motorised changeover switches











Contactors and motor protection relays








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-  Switch disconnectors
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-  Limit, micro and foot switches
-  Rotary cam switches

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-  Time relays
-  Protection relays
-  Level control relays
-  Earth leakage relays

PLANET Logic

-  Metering instruments and current transformers
-  Soft starters
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-  Automatic battery chargers
-  Automatic transfer switch controllers
-  Programmable logic relays
-  Switchmode power supplies
-  Engine and generator controllers

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