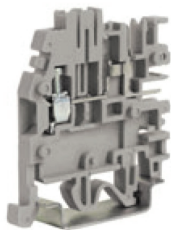


Screw Clamp Connection Pluggable Feed-Through Terminal Blocks

With special connections

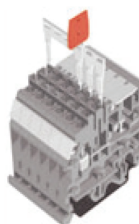
with UL94V-0 polyamide insulating body

- for 5.08 mm pitch female connectors
- double possibility of PTC – easy bridge multi-pole connection
- universal mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 Std., "G32" and "TH/35" types
- available in grey RAL 7042 and beige RAL 1001 colours

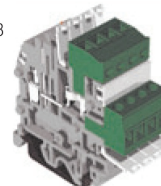


PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING
Insulation voltage in the above configurations (V)					
320	320		320	320	320

Detail with PTC jumpers and barriers



Detail with 5.08 mm female connectors and lug protection covers in up position



(*) current on the PCB connector pin

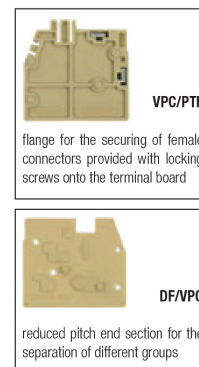
The /GR tag indicates the grey colour version.

grey version	
beige version	
(Ex) i version	
TECHNICAL CHARACTERISTICS	
function / type	
rated cross-section	(mm ²)
connecting capacity	
flexible	(mm ²)
rigid	(mm ²)
max. flexible with ferrule (mm ²)-ferrule type	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG / tightening torque value	UL (Ex e) rated voltage / (V)
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
tightening torque value (test / max)	(Nm)
height / width / thickness	TH/35 7,5 mm
height / width / thickness	TH/35 15 mm
height / width / thickness	G32

VPC.2/GR	Cat. No.	VP300GR
VPC.2	Cat. No.	VP300
VPC.2 (Ex) i	Cat. No.	VP310
1 screw connection and 2 pins for female connectors		
2,5		
0,2 ÷ 4		
0,2 ÷ 4		
2,5 - WP25/14		
320 V / 24-12 (*) A / A3		
600 V / 20 ÷ 14 AWG / 15 A / 5,5 lb.in.		
-		
4 kV / 3		
9 (screw connection)		
0,4 / 0,8 (screw connection)		
51 / 44 / 5,08		
59 / 44 / 5,08		
55 / 44 / 5,08		

Female connectors, 90° - 5,08 mm pitch and with a number of poles from 2 to 16, are available. The connector can be easily inserted until it reaches its blocking position, guaranteeing optimum connection onto the male contact. In such a position the connector it is hooked onto the insulating body of the terminal block by means of a tooth, of which it is equipped.

Catalog No.	Poles
CPF5.08-2	2
CPF5.08-3	3
CPF5.08-4	4
CPF5.08-5	5
CPF5.08-6	6
CPF5.08-7	7
CPF5.08-8	8
CPF5.08-9	9
CPF5.08-10	10
CPF5.08-11	11
CPF5.08-12	12
CPF5.08-13	13
CPF5.08-14	14
CPF5.08-15	15
CPF5.08-16	16



APPROVALS



ACCESSORIES	
End sections	grey beige blue
Permanent cross connection (intrinsically IPXXB protected once mounted)	
Cross-connection identification strip (100 mm)	green
Switchable cross connection	
Diaframma separatore ponti	
Shunting screw and sleeve	
Coloured partition	red, green, white
Hollow partition	grey beige
Test plug socket	
Test plug	
Numbering strip	
Cover for cable lugs	
Flangia	
Marking tag	printed or blank
End bracket	
Mounting rail according to IEC 60715 Std.	

Type	Cat. No.
VPC/PT/GR	VP101GR
VPC/PT	VP101
VPC/PT (Ex) i	VP201
PTC/2/02 poles	PTC0202
PTC/2/03 poles	PTC0203
PTC/2/05 poles	PTC0205
PTC/2/10 poles	PTC0210
PTC/2/00 (50 poles)	PTC0200
PTC/SP	PTC0990
-	
DFM/300	DF300
-	
DFU/5	DU05
DF/VPC/GR	DU02SGR
DF/VPC	DU02S
-	
CNU/8/51	NU0851
VPC/VT	VP102
VPC/PTF	VP303
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN only	BT001
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

For the fixing of the conductor in an even more secure way, it is possible to use connectors provided with locking screws, located on the sides of the connector itself. In this case it is necessary to insert on to both sides of the assembled VPC.2 terminal blocks a VPC/PTF (Cat. No. VP103) flange. In the case that an assembly composed in such a way has a flange with external connecting pins, it is necessary to add a VPC/PT (Cat. No. VP101) end section, or to remove the external pins with a cutter. For safety reasons, the connectors must not be handled under load. The use of DF/VPC (Cat. No. DU015) barrier, for the physical separation of the different groups of terminal blocks, does not avoid the possibility to perform cross-connections.

The terminal block is available also in the version equipped with signal circuit (VPC.2/L024). In this case a common bar (dimension 7 x 1 x 250 mm), for the common return of a LED (red colour - 24 V), must be inserted in the appropriate housing on the side of the group of adjoining terminal blocks and connected by means of a feeding terminal block - VPC.2(Ex)i/D (Cat. No. VPC200). The VPC.2(Ex)i/D feeding terminal block is a version of terminal block type VPC.2(Ex)i, equipped with a type 1N4007 diode.

A transparent cover in order to prevent accidental contacts on the pins is supplied as an accessory (VPC/VT - Cat. No. VP102) in 10-pole bars; it can be easily separated into the desired number of poles. The cover is inserted by clip fixing in the appropriate housing provided in the insulating body of the terminal block; the insertion point acts as a fulcrum for the rotation of the protection itself from the closed position (guaranteed by a clip) to the open position (for the insertion of the connector). It is manufactured in transparent material in order to ensure visibility of both the type of connection (in closed position) and the LED, in opened position, once the connector is inserted.