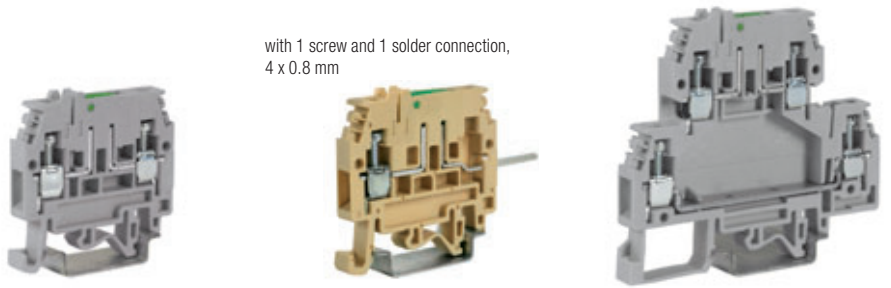


Disconnect

with UL94V-0 polyamide insulating body

- disconnect with special connections
- possibility to perform cross-connections
- available in standard (grey RAL 7042 and beige RAL 1001 colours) or (Ex)i "intrinsic safety" circuits (blue RAL 5015 colour) versions
- universal mounting onto both PR/DIN and PR/3 type rails - according to IEC 60715 Std., "G32" and "TH/35" types
- "Easy Bridge" system: multi-pole cross-connection without the need of additional protection



with 1 screw and 1 solder connection,
4 x 0.8 mm

PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING

Terminal block	Jumper	Insulation voltage in the above configurations (V)			
MPS.4	PTC/4	400	400	400	400
DSS.4	PTC/4	400	400	400	400

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

MPS.4/GR	
Cat. No. MP950GR	
MPS.4	
Cat. No. MP950	
MPS.4/SW (Ex)i	
Cat. No. MP960	
disconnect lever	4
0,2 ÷ 6	
0,2 ÷ 6	
4 - WP40/16	
400 V / 24 A / A4	
600 V / 24 A / 26-10 AWG / 4,4 lb.in	
-	
6 kV / 3	
9	
0,5 / 1,2	
47 / 47 / 6	
55 / 47 / 6	
51 / 47 / 6	

MPS.4/VS	
Cat. No. MP930	
disconnect lever with 1 screw and 1 solder connect.	4
0,2 ÷ 6	
0,2 ÷ 6	
4 - WP40/16	
400 V / 20 A / A4	
600 V / 24 A / 26 ÷ 10 AWG / 5,5 lb.in	
-	
4 kV / 3	
9	
0,5 / 1,2	
47 / 47 / 6	
55 / 47 / 6	
51 / 47 / 6	

DSS.4/GR	
Cat. No. DS400GR	
DSS.4	
Cat. No. DS400	
2 levels, with upper disconnect level	4
0,2 ÷ 6	
0,2 ÷ 6	
4 - WP40/16	
400 V / 24-32 A (*) / A4	
300 V / 24-32 A / 26-10 AWG / 4,4 lb.in	
-	
4 kV / 3	
9	
0,5 / 1,2	
68 / 78 / 6	
75 / 78 / 6	
72 / 78 / 6	

APPROVALS



other approvals referred to MPS.4 standard version

ACCESSORIES	
End sections	grey beige blue
Permanent cross connection (pre-assembled) (intrinsically IPXXB protected once mounted)	
Rated current carrying capacity of jumper	(A)
Cross-connection identification strip (100 mm)	green
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Numbering strip	
Cover for cross-connection	red, blue or white
Marking tag	printed or blank
End bracket	
Mounting rail according to IEC 60715 Std.	

Type	Cat. No.
MPS.4/PT/GR	MP901GR
MPS.4/PT	MP901
MPS.4/PT (Ex)i	MP902
PTC/4/02 poles	PTC0402
PTC/4/03 poles	PTC0403
PTC/4/05 poles	PTC0405
PTC/4/10 poles	PTC0410
PTC/4/00 (42 poles)	PTC0400
32	
PTC/SP	PTC0990
-	
DFU/3	DU03..
DFM/500	DF500
-	
CNU/8/61	NU0861
-	
CNU/8/61	NU0861
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
-	
MPS.4/PT	MP901
PTC/4/02 poles	PTC0402
PTC/4/03 poles	PTC0403
PTC/4/05 poles	PTC0405
PTC/4/10 poles	PTC0410
PTC/4/00 (42 poles)	PTC0400
32	
PTC/SP	PTC0990
-	
DFU/3	DU03..
DFM/500	DF500
-	
CNU/8/61	NU0861
-	
CNU/8/61	NU0861
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

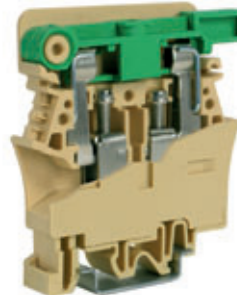
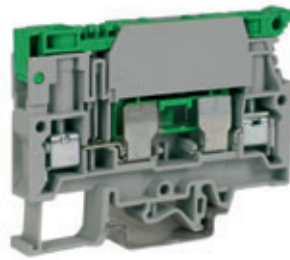
Type	Cat. No.
DSS/PT/GR	DS301GR
DSS/PT	DS301
PTC/4/02 poles	PTC0402
PTC/4/03 poles	PTC0403
PTC/4/05 poles	PTC0405
PTC/4/10 poles	PTC0410
PTC/4/00 (42 poles)	PTC0400
32	
PTC/SP	PTC0990
-	
DFU/7	DU07..
DFM/500	DF500
-	
CNU/8/61	NU0861
-	
CNU/8/61	NU0861
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN 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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

(*) values referred to the upper and lower conducting body, respectively

Disconnect

with UL94V-0 polyamide insulating body

- disconnect by means of a brass cylinder to be inserted in the lever
- slide link disconnect
- possibility to perform cross-connections
- 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

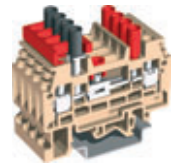


Please refer to the table on page 136 in order to determine the insulation voltage of the different PTC connection diagrams



Ø 6.3 x 32 mm SFC/CO conducting element
- in tin plated brass to be inserted in the lever

SCB.4 terminal blocks with short-circuit plates and test plugs



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

SFR.6/GR	
Cat. No.	SR300GR
SFR.6	
Cat. No.	SR300
SFR.6 (Ex)i	
Cat. No.	SR400
disconnect	
6	
0,2 ÷ 10	
0,2 ÷ 10	
6 - WP60/20	
630 V / 33 A (with conducting element) / A5	
600 V / 10 A / 20-8 AWG / 13 lb.in	
-	
6 KV / 3	
11	
0,8 / 1,4	
59 / 79 / 10	
67 / 79 / 10	
63 / 79 / 10	

FPC.10	
Cat. No.	FP100
disconnect	
10	
1,5 ÷ 16	
1,5 ÷ 16	
10 - WP100/21	
800 V / 20 A (with SFC/CO) / B6	
600 V / 15 A / 20-6 AWG / 7 lb.in	
-	
6 KV / 3	
17	
1,2 / 1,9	
70 / 63 / 12	
74 / 63 / 12	
78 / 63 / 12	

SCB.4/GR	
Cat. No.	SB300GR
SCB.4	
Cat. No.	SB300
disconnect by slide-link	
4	
0,2 ÷ 6	
0,2 ÷ 6	
4 - WP40/16	
800 V / 32 A / A4	
600 V / 20 A / 20-12 AWG / 4,4 lb.in.	
-	
8 KV / 3	
9	
0,5 / 1,2	
44 / 58 / 6,5	
52 / 58 / 6,5	
48 / 58 / 6,5	

APPROVALS



ACCESSORIES	
End sections	grey beige blue
Permanent cross connection (pre-assembled) (* intrinsically IPXXB protected once mounted)	
Rated current carrying capacity of jumper	(A)
Switchable cross connection	
Cross-connection identification strip (100 mm)	green
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Short-circuit plate	between 2 adjoining terminal blocks between 4 adjoining terminal blocks
Numbering strip	
Brass conducting cylinder	
Screw and sleeve for short circuit plates	
MSM handle	
Marking tag	printed or blank
End bracket	
Mounting rail	
according to IEC 60715 Std.	

Type	Cat. No.
SFR.6/PT/GR	SR301GR
SFR.6/PT	SR301
SFR.6/PT (Ex)i	SR401
PTC/20/02 poles (*)	PTC2002
PTC/20/03 poles (*)	PTC2003
PTC/20/05 poles (*)	PTC2005
PTC/20/10 poles (*)	PTC2010
PTC/20/00 (25 poles) (*)	PTC2000
25	
-	
PTC/SP	PTC0990
-	
-	
DFU/7	DU07..
DFM/300	DF300
-	
SDD/1	DD001
-	
-	
-	
-	
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

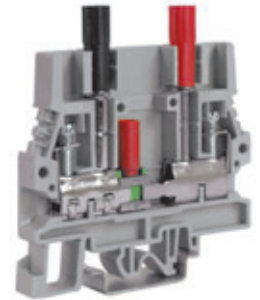
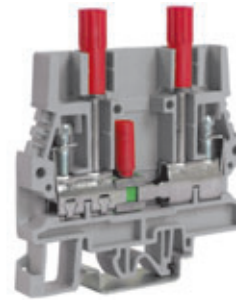
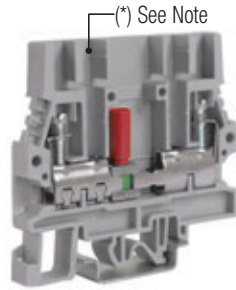
Type	Cat. No.
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
-	
SFC/CO	FC102
-	
MSM (6 elements)	FC103
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/DIN/PO for PR/DIN only	BT001
BT/3-BTO for PR/3 only	BT003-BT007
PR/DIN/AC of steel	PR001
PR/DIN/AS same with slots	PR004
PR/DIN/AL of aluminium	PR002
PR/3/AC for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
SCB.4/PT/GR	SB301GR
SCB.4/PT	SB301
PM/40/2 poles	PM402
PM/40/3 poles	PM403
PM/40/5 poles	PM405
PM/40/10 poles	PM410
32	
POS/12	POS12
-	
PMP/42	PMP42
CPM/12	CPM12
DFU/3	DU03..
-	
PSD/A	PD001
SDD/6-SDD/1	DD006-DD001
SCB.4/PO/2	SB303
SCB.4/PO/4	SB304
CNU/8/51	NU0851
-	
SCB.4/CPM	SB305
-	
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Terminal blocks for test and measurement circuits

with UL94V-0 polyamide insulating body

- 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



(*) For the simple cross-connection between adjoining terminal blocks the multiple common bar shall be used together with cross-connection screw and sleeves. The interposing barrier located in the insulating body of the terminal block shall be removed with the aid of a cutter

Disconnect test terminal block that allows longitudinal and transversal disconnection. Configuration provided with **test plug socket** downstream and upstream the slide link, conforming to ENEL LV27/3 specification

Disconnect test terminal block that allows longitudinal and transversal disconnection. Configuration provided with **test plug socket** upstream and a **short circuit sleeve downstream the slide link** (for short circuit plates type SCB/6/PO/2 or SCB/6/PO/4, supplied separately), conforming to ENEL LV27/2 specification

The /GR tag indicates the grey colour version.

grey version	
beige version	
(Ex)i version	
TECHNICAL CHARACTERISTICS	
function / type	
rated cross-section (mm ²)	6
connecting capacity	
flexible (mm ²)	0,5 ÷ 10
rigid (mm ²)	0,5 ÷ 10
max. flexible with ferrule (mm ²)-ferrule type	6 - WP60/20
rated voltage / rated current / gauge conf. to IEC 60947-7-1	800 V / 41 A / A5
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	600 V / 47 A / 20-8 AWG / 13,3 lb.in.
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length (mm)	12
tightening torque value (test / max) (Nm)	0,8 / 1,4
height / width / thickness TH/35 7,5 mm	65 / 69 / 8
height / width / thickness TH/35 15 mm	73 / 69 / 8
height / width / thickness G32	68 / 69 / 8

APPROVALS

SCB.6/GR	Cat. No. SB200GR
SCB.6	Cat. No. SB200
disconnect by slide-link	
6	
0,5 ÷ 10	
0,5 ÷ 10	
6 - WP60/20	
800 V / 41 A / A5	
600 V / 47 A / 20-8 AWG / 13,3 lb.in.	
-	
8 KV / 3	
12	
0,8 / 1,4	
65 / 69 / 8	
73 / 69 / 8	
68 / 69 / 8	

SCB.6/DD/GR	Cat. No. SB210GR
SCB.6/DD	Cat. No. SB210
disconnect by slide-link special configuration for voltmetric circuits	
6	
0,5 ÷ 10	
0,5 ÷ 10	
6 - WP60/20	
800 V / 41 A / A5	
-	
8 KV / 3	
12	
0,8 / 1,4	
76 / 69 / 8	
84 / 69 / 8	
79 / 69 / 8	
Other approvals referring to terminal block SCB.6	

SCB.6/CD/GR	Cat. No. SB220GR
SCB.6/CD	Cat. No. SB220
disconnect by slide-link special configuration for amperometric circuits	
6	
0,5 ÷ 10	
0,5 ÷ 10	
6 - WP60/20	
800 V / 41 A / A5	
-	
8 KV / 3	
12	
0,8 / 1,4	
77 / 69 / 8	
85 / 69 / 8	
80 / 69 / 8	
Other approvals referring to terminal block SCB.6	

ACCESSORIES

End sections	grey beige blue
Permanent cross connection (pre-assembled) (*) intrinsically IPXXB protected once mounted)	
Switchable cross connection	
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Numbering strip	
Cover for cross-connection	
Short-circuit plate	between 2 adjoining terminal blocks between 4 adjoining terminal blocks
Brass conducting cylinder	
Screw and sleeve	
Screw and sleeve with red socket	
Marking tag	printed or blank
End bracket	
Mounting rail according to IEC 60715 Std.	

Type	Cat. No.
SCB/6/PT/GR	SB201GR
SCB/6/PT	SB201
-	-
POF/57	POF57
-	-
PMP/13	PMP13
CPM/57	CPM57
DFU/6	DU06..
-	-
PSD/P	PD015
SDD/2	DD002
-	-
SCB/6/PO/2	SB203
SCB/6/PO/4	SB204
SFC/CO	FC102
SCB/6/CPM	SB205
SCB/6/CPM/R	SB205R
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
SCB/6/PT/GR	SB201GR
SCB/6/PT	SB201
-	-
POF/57	POF57
-	-
PMP/13	PMP13
CPM/57	CPM57
DFU/6	DU06..
-	-
PSD/P	PD015
SDD/2	DD002
-	-
SCB/6/PO/2	SB203
SCB/6/PO/4	SB204
SFC/CO	FC102
SCB/6/CPM	SB205
SCB/6/CPM/R	SB205R
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
SCB/6/PT/GR	SB201GR
SCB/6/PT	SB201
-	-
POF/57	POF57
-	-
PMP/13	PMP13
CPM/57	CPM57
DFU/6	DU06..
-	-
PSD/P	PD015
SDD/2	DD002
-	-
SCB/6/PO/2	SB203
SCB/6/PO/4	SB204
-	-
SCB/6/CPM/R	SB205R
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 for PR/DIN and PR/3	PR003
PR/3/AS same with slots	PR005

CBS.2/CBS.4 - DISCONNECT LEVER

Disconnect lever

Possibility to perform cross-connections

"Easy Bridge" system: multi-pole cross-connection without the need of additional protection

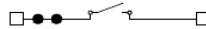
Cross connections lined up with feed-through and fuse holders for a faster realisation of complicated circuits



Beige version	
Grey 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
Rated voltage/ rated current/ gauge	Conf to IEC 60947-7-1
Rated voltage/ rated current/ AWG	Conf a UL – cUL
Rated voltage/ rated current/ (Ex) e	
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)

CBS.2
Cat. No. CBS02
CBS.2/GR
Cat. No. CBS02GR
CBS.2 (Ex)i
Cat. No. CBS02I

CBS.4
Cat. No. CBS04
CBS.4/GR
Cat. No. CBS04GR
CBS.4 (Ex)i
Cat. No. CBS04I



Disconnect lever	Disconnect lever
2.5	4
0,2 ÷ 4	0,2 ÷ 6
0,2 ÷ 4	0,2 ÷ 6
2 - WP25/14	4 - WP40/16
630V / 22A / A3	630V / 24A / A4
-	-
-	-
6 kV / 3	6 kV / 3
9	10
0,4 / 0,6	0,5 / 0,8
52 / 57 / 5	52 / 57 / 6
60 / 57 / 5	60 / 57 / 6

APPROVALS	
ACCESSORIES	

	
Type	Cat. No.

	
Type	Cat. No.

End sections	beige
	grey
	blue
Permanent cross connection (*) (intrinsically IPXXB once mounted)	2 poles
	3 poles
	5 poles
	10 poles
Cross-connection identification strip	
Coloured partition	red, green, white
Cross connection barrier	red
Marking tag	printed or blank
End bracket	

CB/PT	CB401
CB/PT/GR	CB401GR
CB/PT (Ex)i	CB402
PTC/2/02	PTC0202
PTC/2/03	PTC0203
PTC/2/05	PTC0205
PTC/2/10	PTC0210
PTC/SP	PT0990
DFU/3	DU03
DFM/800 DFM/900	DF800 - DF900
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BT/3-BTO only for PR/3	BT003-BT007

CB/PT	CB401
CB/PT/GR	CB401GR
CB/PT (Ex)i	CB402
PTC/4/02	PTC0402
PTC/4/03	PTC0403
PTC/4/05	PTC0405
PTC/4/10	PTC0410
PTC/SP	PT0990
DFU/3	DU03
DFM/800 DFM/900	DF800 - DF900
CNU/8/61	NU0861
BTU for PR/DIN and PR/3	BT005
BT/3-BTO only for PR/3	BT003-BT007