

# 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

In SCB.6 type terminal block, the use of special cross-connections, formed by

SCB/6/PO/2 (between 2 adjoining terminal blocks)



or SCB/6/PO/4 (between 4 adjoining terminal blocks),



and by the relevant SCB/6/CPM



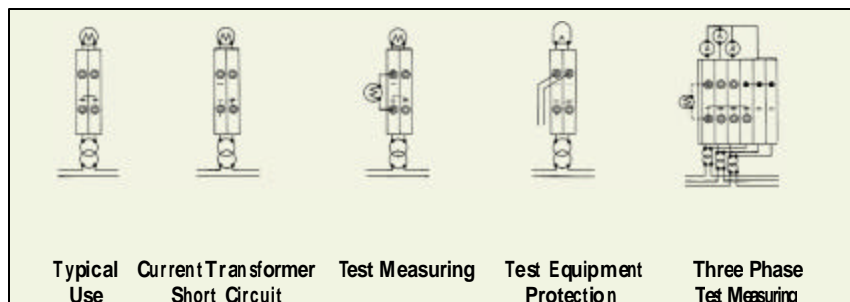
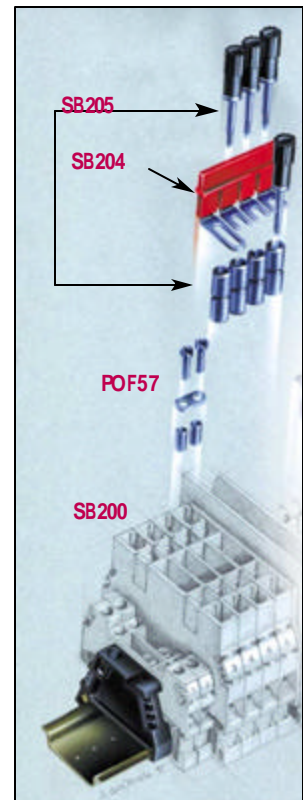
Shunting screws allow the simultaneous earth connection of the current transformers connected to the terminal blocks themselves, guaranteeing the correct operational sequence. In fact, such cross connections, in opened position avoid the translation on the slide links, already connected in an accident prevention position from the outside; they do not require the insertion of further partitions to separate them from other adjoining cross-connections or terminal blocks, due to the special shape of the insulating body of the terminal block itself.

SCB.6 type terminal blocks also have the capability to house, upstream and downstream the disconnection, sockets for test plugs, suitable for the withdrawal of signals:

In particular the shunts can take place:

- on SCB/CPM shunting screws of the short-circuit plates
- on the PSD/P socket to be screwed directly into the conducting body of the terminal block, in order to perform the shunting function.

The sliding-link is formed by two guides, held together by a screw inserted in a glass-shape collar, which allows the elastic blocking and the anti-loosening of the slide-link and is provided with a red protective coloring for the easy positioning of the screwdriver during the disconnection and the easy spotting of the slide-link itself.



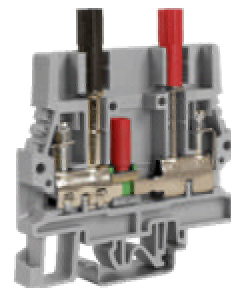
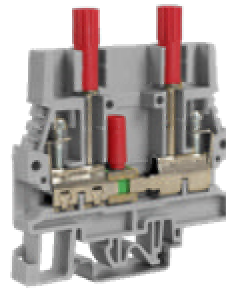
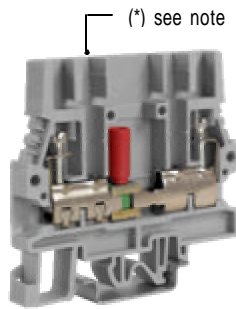
To locate additional product specifications and technical drawings go to [www.asi-ez.com](http://www.asi-ez.com)

# Disconnect 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

(\*) For the simple cross-connection between adjoining terminal blocks the multiple commoning 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 sliding 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

standard version	<b>SCB.6/10/GR</b> cat. No. SB200GR	<b>SCB.6/10/DD/GR</b> cat. No. SB210GR	<b>SCB.6/10/CD/GR</b> cat. No. SB220GR
(Ex)i version			
TECHNICAL CHARACTERISTICS			
function / type	disconnect by slide-link	disconnect by slide-link special configuration	disconnect by slide-link special configuration
rated cross section (mm)	6	6	6
connecting capacity			
flexible (mm)	0,5 ÷ 10	0,5 ÷ 10	0,5 ÷ 10
rigid (mm)	0,5 ÷ 10	0,5 ÷ 10	0,5 ÷ 10
rated voltage / rated current / gauge	800 V / 41 A / A5	800 V / 41 A / A5	800 V / 41 A / A5
rated voltage / rated current / AWG	600 V / 47 A / 20-8 AWG	-	-
rated impulse withstand voltage / pollution degree	8 kV / 3	8 kV / 3	8 kV / 3
insulation stripping length (mm)	12	12	12
tightening torque value (test / recommended) (Nm)	0,8 / 1,4	0,8 / 1,4	0,8 / 1,4
position on type MK6703D power screwdriver (see page 163)	2	2	2
pitch (mm)	8	8	8
APPROVALS			
ACCESSORIES			
End sections	grey	grey	grey
Permanent cross connection	POF/57	POF/57	POF/57
Switchable cross connection	-	-	-
Multiple common bar 250 mm	PMP/13	PMP/13	PMP/13
Shunting screw and sleeve	CPM/57	CPM/57	CPM/57
Coloured partition red, green, white	DFU/6	DFU/6	DFU/6
Cross connection barrier red	-	-	-
Test plug socket	PSD/P	-	-
Test plug	SDD/2	SDD/2	SDD/2
Numbering strip	SNZ/8	SNZ/8	SNZ/8
Cover for cross-connection	-	-	-
Short-circuit plate between 2 adjoining terminal blocks	SCB/6/PO/2	SCB/6/PO/2	SCB/6/PO/2
4 adjoining terminal blocks	SCB/6/PO/4	SCB/6/PO/4	SCB/6/PO/4
Screw and sleeve for shortcircuit plates	SCB/6/CPM	SCB/6/CPM	SCB/6/CPM
Marking tag printed or blank	CNU/8	CNU/8	CNU/8
	CSC	CSC	CSC
End bracket	BTU for PR/DIN and PR/3	BTU for PR/DIN and PR/3	BTU for PR/DIN and PR/3
	BT/DIN/PO for PR/DIN only	BT/DIN/PO for PR/DIN only	BT/DIN/PO for PR/DIN only
	BT/3 for PR/3 only	BT/3 for PR/3 only	BT/3 for PR/3 only
Mounting rail	PR/DIN/AC of steel	PR/DIN/AC of steel	PR/DIN/AC of steel
according to IEC 60715 Std.	PR/DIN/AS same with slot s	PR/DIN/AS same with slot s	PR/DIN/AS same with slot s
	PR/DIN/AL of aluminium	PR/DIN/AL of aluminium	PR/DIN/AL of aluminium
	PR/3/AC of steel	PR/3/AC of steel	PR/3/AC of steel
	PR/3/AS same with slot s	PR/3/AS same with slot s	PR/3/AS same with slot s

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