

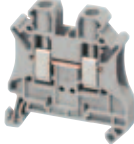
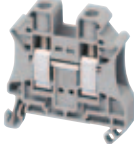
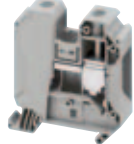





### Description

■ **NSYTRV** screw technology terminal blocks are components that are well established throughout the world and are suitable for the vast majority of connection applications, due to their wide range of functions and connection possibilities.


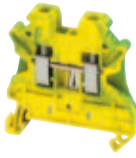
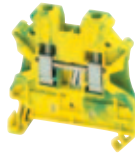
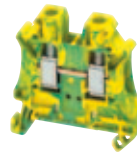
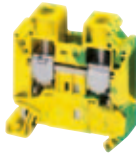
■ **NSYTRV** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up and operation of installations, due to their simplicity and integrated functions.


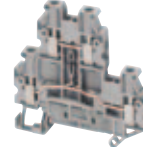
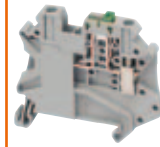

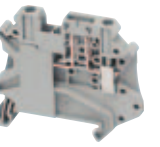



		Passthrough				
		Passthrough				
						
Nominal c.s.a (mm <sup>2</sup> )		2.5	4	6	10 & 16	35 to 70
Number of poles	1 - 1 x 1	<b>NSYTRV22</b>	<b>NSYTRV42</b>	<b>NSYTRV62</b>	<b>NSYTRV102</b> <b>NSYTRV162</b>	<b>NSYTRV352</b> <b>NSYTRV502</b> <b>NSYTRV702</b>
	2 - 1 x 1	-	-	-	-	-
	3 - 1 x 1	-	-	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	-	-	-	-	-
	1 - 2 x 2	-	-	-	-	-
	With LED	-	-	-	-	-
Colours	Grey	■	■	■	■	■
	Blue	<b>NSYTRV22BL</b>	<b>NSYTRV42BL</b>	<b>NSYTRV62BL</b>	<b>NSYTRV102BL</b> <b>NSYTRV162BL</b>	<b>NSYTRV352BL</b> <b>NSYTRV502BL</b>
	Green/yellow (PE)	-	-	-	-	-
	Orange	<b>NSYTRV22AR</b>	<b>NSYTRV42AR</b>	-	-	-
	Red	<b>NSYTRV22RD</b>	<b>NSYTRV42RD</b>	-	-	-
	Green	-	<b>NSYTRV42GN</b>	-	-	-
	White	<b>NSYTRV22WH</b>	<b>NSYTRV42WH</b>	-	-	-
	Black	-	<b>NSYTRV42BK</b>	-	-	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages	78	78	78	79	79/80	



### Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.

Lug-lug Lug-connector		Protective earth							
P8502169		P8502174		P8502176		P8502175		P8502165	
95 & 150		2.5	4	6 & 10	16 to 50				
NSYTRV952BB		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE	NSYTRV162PE				
NSYTRV952BC				NSYTRV102PE	NSYTRV352PE				
NSYTRV1502BB					NSYTRV502PE				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
-		-	NSYTRV43PE	-	-				
-		-	NSYTRV44PE	-	-				
-		-	-	-	-				
■		-	-	-	-				
-		-	-	-	-				
-		■	■	■	■				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
-		-	-	-	-				
■		■	■	■	■				
■		■	■	■	■				
-		-	-	-	-				
-		-	-	-	-				
80/81		82	82	82/83	83				

		Double deck		Disconnect		
		Multi-pole	Double deck	Blade	Fused	Removable carrier
						
Nominal c.s.a (mm²)		4	2.5 & 4	4	4 & 16	4
Number of poles	1 - 1 x 1	-	-	NSYTRV42SC NSYTRV42ST	NSYTRV42SF5 NSYTRV42SF6 NSYTRV162SF	NSYTRV42TB
	2 - 1 x 1	-	NSYTRV24D NSYTRV44D	NSYTRV42SCD	-	-
	3 - 1 x 1	-	NSYTRV26T	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	NSYTRV43	-	-	-	-
	1 - 2 x 2	NSYTRV44	-	-	-	-
	With LED	-	-	-	NSYTRV42SF5LD NSYTRV42SF6LD	-
Colours	Grey	■	■	■	-	■
	Blue	-	-	■	-	-
	Green/yellow (PE)	NSYTRV43PE NSYTRV44PE	NSYTRV24DPE NSYTRV44DPE	-	-	-
	Orange	■	-	NSYTRV42STAR	-	-
	Red	■	-	-	-	-
	Green	-	-	-	-	-
	White	-	-	-	-	-
	Black	■	-	-	■	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages	84	85	88	89	88	



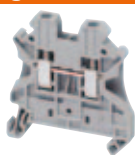
### Flexible plug-in bridge system

The **NSYTRAL\*** plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between nonadjacent terminal blocks possible.

The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal connected to an **NSYTRV22** terminal). This way the power distribution terminal blocks can be quickly setup.

### Screw terminal blocks - Passthrough

PB9320R1



PB9321R6



PB9321R7



	NSYTRV22	NSYTRV42	NSYTRV62
Nominal c.s.a.	2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>
Type of block	Passthrough	Passthrough	Passthrough
Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Colour	Grey	Grey	Grey
Max. electric values (U <sub>max</sub> , I <sub>max</sub> )	1000 V, 32 A	1000 V, 41 A	1000 V, 57 A
<b>Dimensions (mm)</b>			
Length	47.7	47.7	47.7
Height	47.5	47.5	47.5
Width	5.2	6.2	8.2
Cabling c.s.a. (mm <sup>2</sup> )	2.5	4	6
Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10
Solid cable	0.14 - 4	0.14 - 6	0.2 - 10
<b>Nominal electric values</b>			
IEC/EN 60947-7-1	1000 V, 24 A	1000 V, 32 A	1000 V, 41 A
UL	600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG
CSA	600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG
ATEX	690 V, 22 A	690 V, 30 A	690 V, 40 A
Certifications	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

#### Terminal blocks

	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
Grey	50	NSYTRV22	50	NSYTRV42	50	NSYTRV62
Blue	50	NSYTRV22BL	50	NSYTRV42BL	50	NSYTRV62BL
Orange	50	NSYTRV22AR	50	NSYTRV42AR	-	-
Red	50	NSYTRV22RD	50	NSYTRV42RD	-	-
Green	-	-	-	NSYTRV42GN	-	-
White	50	NSYTRV22WH	50	NSYTRV42WH	-	-
Black	-	-	-	NSYTRV42BK	-	-

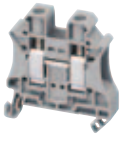
#### Accessories

End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
width 2.2 mm	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate,	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
width 2 mm	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
Red	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Blue	10-pole	10	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL610BL
Grey	10-pole	10	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL610GR
Step-down bridge,	Screw to screw terminal	-	-	-	-	10	NSYTRALV62
down to 2.5/4 mm <sup>2</sup>	Screw to spring terminal	-	-	-	-	10	NSYTRALVR62
Vertical bridge	1-pole	-	-	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 126					

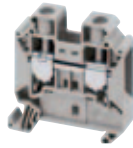
#### General data

Strip length (mm)	9	9	10
Screw thread	M3	M3	M4
Torque (Nm)	0.5 - 0.6	0.6 - 0.8	1.5 - 1.8

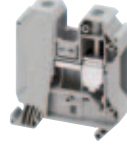
PE602173



PE602189



PE602190



PE602194



NSYTRV102	NSYTRV162	NSYTRV352	NSYTRV502
10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey	Grey	Grey
1000 V, 76 A	1000 V, 101 A	1000 V, 125 A	1000 V, 150 A

47.7	55.5	60.2	70.5
47.5	55	65.7	83.5
10.2	12.2	16	20
10	16	35	50
0.5 - 16	1.5 - 25	1.5 - 50	25 - 70
0.5 - 16	1.5 - 25	1.5 - 50	16 - 70

1000 V, 57 A	1000 V, 76 A	1000 V, 125 A	1000 V, 150 A
600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG
600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG
690 V, 54 A	690 V, 73 A	690 V, 126 A	690 V, 137 A
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV102	50	NSYTRV162	50	NSYTRV352	10	NSYTRV502
50	NSYTRV102BL	50	NSYTRV162BL	50	NSYTRV352BL	10	NSYTRV502BL
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

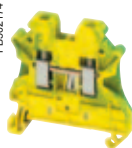
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	10	NSYTRAL502 *
-	-	-	-	-	-	10	NSYTRAL503 *
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRALV102	10	NSYTRALV162	10	NSYTRALV352	-	-
10	NSYTRALVR102	10	NSYTRALVR162	10	NSYTRALVR352	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	-	-
10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD

10	14	18	24
M4	M5	M6	M6
1.5 - 1.8	2.5 - 3	3.2 - 3.7	6 - 8

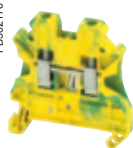
\*Screw bridge

### Screw terminal blocks - Protective earth

PB602174



PB602176

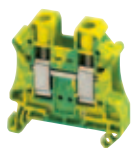


PB602175

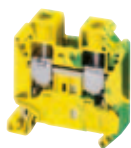


		<b>NSYTRV22PE</b>	<b>NSYTRV42PE</b>	<b>NSYTRV62PE</b>			
Nominal c.s.a.		2.5 mm <sup>2</sup>	4 mm <sup>2</sup>	6 mm <sup>2</sup>			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values							
<b>Dimensions (mm)</b>							
	Length	47.7	47.7	47.7			
	Height	47.5	47.5	47.5			
	Width	5.2	6.2	8.2			
Cabling c.s.a. (mm <sup>2</sup> )		2.5	4	6			
	Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 4	0.14 - 6	0.2 - 10			
<b>Nominal electric values</b>							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	CSA	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	ATEX	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
<b>Terminal blocks</b>							
	Green/Yellow	<b>Sold in lots of</b> 50	<b>Unit reference</b> NSYTRV22PE	<b>Sold in lots of</b> 50	<b>Unit reference</b> NSYTRV42PE	<b>Sold in lots of</b> 50	<b>Unit reference</b> NSYTRV62PE
<b>Accessories</b>							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
Marking accessories		See page 126					
<b>General data</b>							
	Strip length (mm)	9		9		10	
	Screw thread	M3		M3		M4	
	Torque (Nm)	0.5 - 0.6		0.6 - 0.8		1.5 - 1.8	

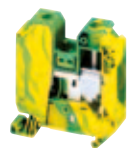
PG602180



PG602185



PG602177



PG602186



<b>NSYTRV102PE</b>	<b>NSYTRV162PE</b>	<b>NSYTRV352PE</b>	<b>NSYTRV502PE</b>
10 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>
Protective earth	Protective earth	Protective earth	Protective earth
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Green/Yellow	Green/Yellow	Green/Yellow	Green/Yellow

47.7	55	65.7	70.5
47.5	55.5	60.2	83.5
10.2	12.2	16	20
10	16	35	50
0.5 - 16	1.5 - 25	1.5 - 35	25 - 70
0.5 - 16	1.5 - 25	1.5 - 35	16 - 70

76 A	101 A	125 A	150 A
20 - 6 AWG	16 - 4 AWG	14 - 1/0 AWG	6 - 1/0 AWG
20 - 6 AWG	16 - 4 AWG	14 - 1/0 AWG	6 - 1/0 AWG
-	-	-	-
UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	<b>NSYTRV102PE</b>	50	<b>NSYTRV162PE</b>	50	<b>NSYTRV352PE</b>	50	<b>NSYTRV502PE</b>

50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>	50	<b>NSYTRAAB35</b>
50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>	50	<b>NSYTRAABV35</b>
50	<b>NSYTRAC22</b>	50	<b>NSYTRAC162</b>	-	Included	-	Included
50	<b>NSYTRAC22BL</b>	-	-	-	-	-	-
50	<b>NSYTRAP22</b>	-	-	-	-	-	-
50	<b>NSYTRAP22BL</b>	-	-	-	-	-	-
10	<b>NSYTRAL102</b>	10	<b>NSYTRAL162</b>	10	<b>NSYTRAL352</b>	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>	10	<b>NSYTRAATM1</b>
10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>	10	<b>NSYTRAATP1</b>
10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>	10	<b>NSYTRAFT</b>
10	<b>NSYTRACS10</b>	10	<b>NSYTRACS10</b>	10	<b>NSYTRACS10</b>	10	<b>NSYTRACS10</b>
100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>	100	<b>NSYTRASB4</b>
20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>	20	<b>NSYSR200BD</b>

10	14	18	24
M4	M5	M6	M6
1.5 - 1.8	2.5 - 3	3.2 - 3.7	6 - 8