

UNIVERSAL TERMINALS

Universal terminals used for aluminum and copper cables. Available for all kind of Al/Cu 1,5mm²-300mm² connectors. Terminals are for connecting conductors in enclosures and cabinets. The shell of the terminal is made polyamide of high quality. The frame and the screws are made of tin-plated aluminium.

The ends of the screws are sharpened, so that the screw press the cable more strongly. All terminals, equipment terminals and other accessories are tested according to the standard of SFS 2663 (SGS Fimko). The terminals are greased with the SR-1, for better electrical connection.

How to read the product code?

Example T021150.B

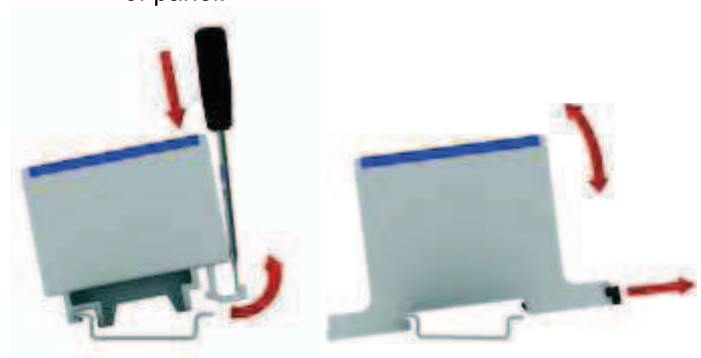
T02	Connector type
T02	Universal connector
1	Number of poles
1	1 pole
2	2 poles
3	3 poles
150	Cable Max. mm ²
16	Max. 16 mm ²
50	Max. 50 mm ²
95	Max. 95 mm ²
120	Max. 120 mm ²
150	Max. 150 mm ²
240	Max. 240 mm ²
.B	Connector Colour
	Grey
.B	Blue
.YG	Yellow Green

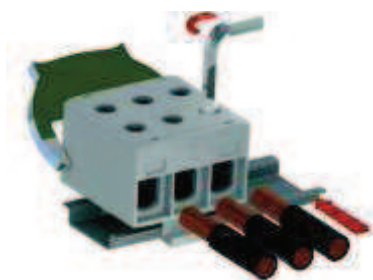


Conductor connection with just two screws. Terminals are quick and easy to install: the conductor is held securely in position by just two screws. Thanks to its fine thread, little force is needed to achieve good tightening torque.



OTL connector can be installed on din-rail without tools by special ClickSet™ system or normally with the screws on the mounting plate of panel.





T021016



1.5-16 mm²

021773.5



1.5-16 mm²

T021050



1.5-50 mm²

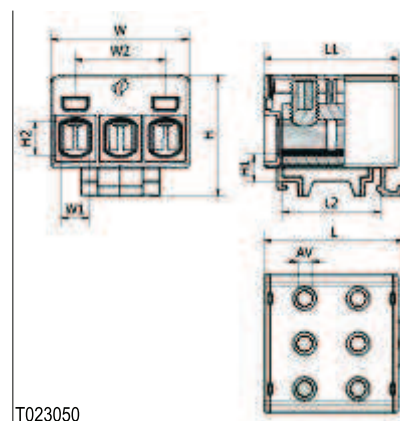
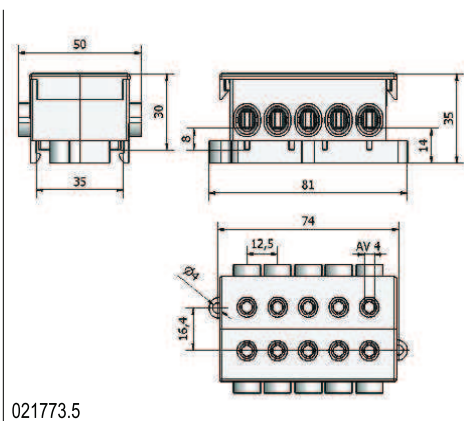
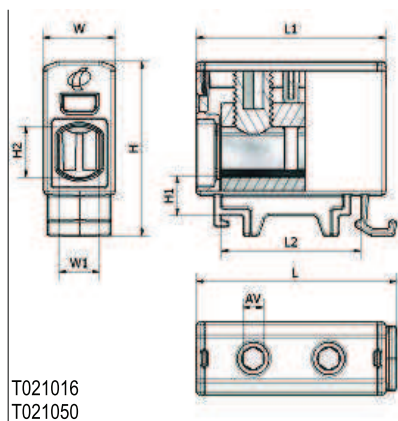
T023050



1.5-50 mm²

CODE	GRAY ●	T021016	021773.5	T021050	T023050
	BLUE ●	T021016.B		T021050.B	
	GREEN-YELLOW ●	T021016.YG		T021050.YG	
NORM		SFS 2663	SFS 2663	SFS 2663	SFS 2663
CERTIFICATES		CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS
CROSS SECTION Al/Cu CABLES		1.5-16 mm ²	1.5-16 mm ²	1.5-50 mm ²	1.5-50 mm ²
RATED VOLTAGE		690 V	690 V	690 V	690 V
CURRENT		82 A	82 A	160 A	480 A
TIGHTENING TORQUE RANGE		1.5 Nm (1.5 mm ²) 3.5 Nm (2.5-6 mm ²) 7 Nm (10-16 mm ²)	1.5 Nm (1.5 mm ²) 3.5 Nm (2.5-6 mm ²) 7 Nm (10-16 mm ²)	1.5 Nm (1.5-2.5 mm ²) 5 Nm (4-10 mm ²) 12 Nm (16-50 mm ²)	1.5 Nm (1.5-2.5 mm ²) 5 Nm (4-10 mm ²) 12 Nm (16-50 mm ²)
MOUNTING		DIN	DIN, SCREW	DIN	DIN
WEIGHT		15 g	78 g	30 g	110 g
COLLECTIVE PACKAGE (pcs)		○ 100 ● 30 ● 30	○ 50	○ 50 ● 30 ● 30	○ 20
DIMENSIONS (mm)		L=45 L1=42 L2=35 H=39.5 H1=11 H2=7 W=13.5 W1=6 AV=4	on the drawing	L=50 L1=48 L2=35 H=43 H1=10 H2=12.5 W=18 W1=10 AV=5	L=49 L1=48 L2=35 H=43 H1=10 H2=12.5 W=49 W1=10 W2=32 AV=5

Drawings





T021095


 6-95 mm²

T021150


 25-150 mm²

T021240

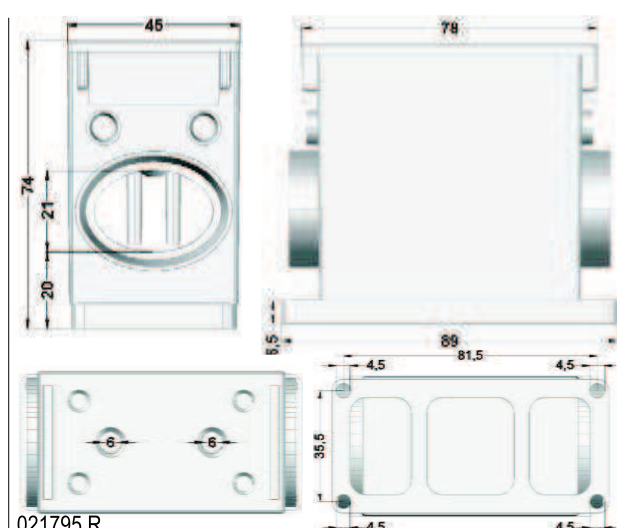
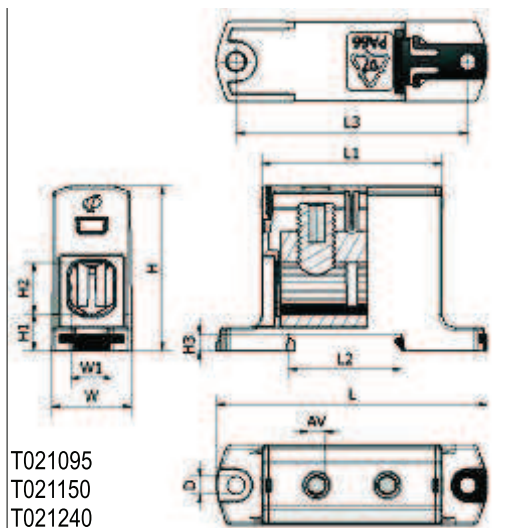

 35-240 mm²

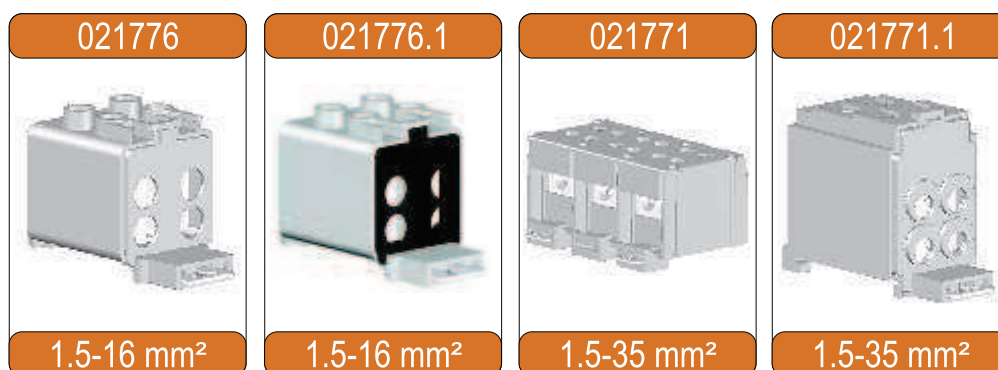
021795.R


 95-300 mm²

CODE	GRAY ●	T021095	T021150	T021240	021795.R
	BLUE ●	T021095.B	T021150.B	T021240.B	021795.SR
	GREEN-YELLOW ●	T021095.YG	T021150.YG	T021240.YG	021795.KVR
NORM		SFS 2663	SFS 2663	SFS 2663	SFS 2663
CERTIFICATES		CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS
CROSS SECTION Al/Cu CABLES		6-95 mm ²	25-150 mm ²	35-240 mm ²	95-300 mm ²
RATED VOLTAGE		690 V	690 V	690 V	690 V
CURRENT		245 A	320 A	425 A	490 A
TIGHTENING TORQUE RANGE		12 Nm (6-25 mm ²) 22 Nm (35-95 mm ²)	14 Nm (25-50 mm ²) 30 Nm (70-150 mm ²)	26 Nm (35-120 mm ²) 55 Nm (150-240 mm ²)	30 Nm (95-150 mm ²) 60 Nm (185-300 mm ²)
MOUNTING		DIN, SCREW	DIN, SCREW	DIN, SCREW	SCREW
WEIGHT		65 g	100 g	195 g	275 g
COLLECTIVE PACKAGE (pcs)		○ 20 ● 10 ● 10	○ 20 ● 10 ● 10	○ 10 ● 3 ● 3	○ 6 ● 3 ● 3
DIMENSIONS (mm)		L=84 L1=56 L2=35 L3=72 H=51 H1=11 H2=16 H3=5 W=25 W1=13 AV=5	L=84 L1=56 L2=35 L3=72 H=54 H1=11 H2=20 H3=5 W=31 W1=18.5 AV=5	L=106 L1=78 L2=35 L3=94 H=65 H1=14 H2=23 H3=5 W=37 W1=20 AV=6	on the drawing

Drawings

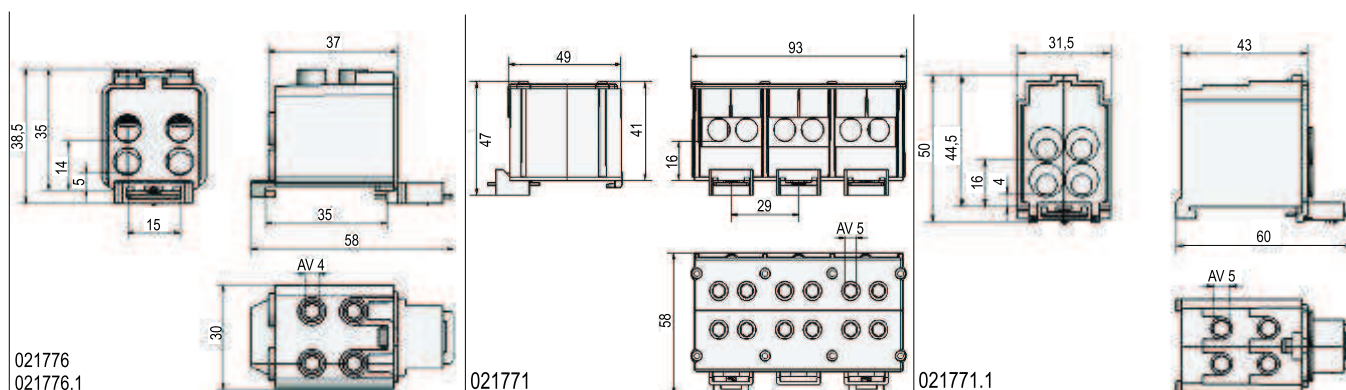




CODE	GRAY ●	021776	021776.1	021771	021771.1
	BLUE ●	021776.S			021771.1S
	GREEN-YELLOW ●	021776.KV			021771.1KV
NORM		SFS 2663	SFS 2663	SFS 2663	SFS 2663
CERTIFICATES		CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS
CROSS SECTION Al/Cu CABLES		1.5-16 mm ²	1.5-16 mm ²	1.5-35 mm ²	1.5-35 mm ²
RATED VOLTAGE		500 V	500 V	690 V	690 V
CURRENT		200 A	200 A	320 A	320 A
TIGHTENING TORQUE RANGE		6 Nm (1.5-16 mm ²)	6 Nm (1.5-16 mm ²)	6 Nm (1.5-16 mm ²) 10 Nm (25-35 mm ²)	6 Nm (1.5-16 mm ²) 10 Nm (25-35 mm ²)
MOUNTING		DIN	DIN	DIN	DIN
WEIGHT		40 g	40 g	210 g	70 g
COLLECTIVE PACKAGE (pcs)		○ 30 ● 15 ● 15	○ 30	○ 30	○ 30 ● 15 ● 15



Drawings




T022050

1.5-50 mm²
T022095

6-95 mm²
T022150

25-150 mm²
T022240

35-240 mm²

CODE	GRAY ●	T022050	T022095	T022150	T022240
	BLUE ●	T022050.B	T022095.B	T022150.B	T022240.B
	GREEN-YELLOW ●	T022050.YG	T022095.YG	T022150.YG	T022240.YG
NORM		SFS 2663	SFS 2663	SFS 2663	SFS 2663
CERTIFICATES		CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS	CE, UL1059, SGS
CROSS SECTION Al/Cu CABLES		1.5-50 mm ²	6-95 mm ²	25-150 mm ²	35-240 mm ²
RATED VOLTAGE		690 V	690 V	690 V	690 V
CURRENT		320 A	490 A	640 A	850 A
TIGHTENING TORQUE RANGE		1.5 Nm (1.5-2.5 mm ²) 5 Nm (4-10 mm ²) 12 Nm (16-50 mm ²)	12 Nm (6-25 mm ²) 22 Nm (35-95 mm ²)	14 Nm (25-50 mm ²) 30 Nm (70-150 mm ²)	26 Nm (35-120 mm ²) 55 Nm (150-240 mm ²)
MOUNTING		DIN	DIN, SCREW	DIN, SCREW	DIN, SCREW
WEIGHT		90 g	125 g	170 g	340 g
COLLECTIVE PACKAGE (pcs)		○ 20 ● 15 ● 15	○ 30 ● 15 ● 15	○ 10 ● 5 ● 5	○ 6 ● 3 ● 3
DIMENSIONS (mm)		L=49 L1=48 L2=35 H=43 H1=10 H2=12.5 W=30 W1=10 AV=5	L=84 L1=56 L2=35 H=51 H1=11 H2=16 H3=5 W=42 W1=13 W2=17.5 AV=5 D=5.5	L=84 L1=56 L2=35 H=54 H1=11 H2=20 H3=5 W=51 W1=18.5 W2=21 AV=5 D=5.5	L=106 L1=78 L2=35 H=65 H1=13 H2=23.5 H3=5 W=60 W1=20 W2=27 AV=6 D=5.5

Drawings

