



ecofil

5G4mm²



Connecting box 5x4 mm², No. 49955

- Direct connection of loads at any point of the cable.
- Flat cable connected by means of pointed screws, without the cable insulation having to be stripped.
- Connection of one round cable up to 5x4mm² by means of screw terminals.
- For supply or branching of flat cable.

Branching box 3x4mm², 16A, No. 49963G

- Direct connection of loads at any point of the cable.
- Flat cable connected by means of pointed screws, without the cable insulation having to be stripped.
- Connection of one round cable up to 3x4mm² by means of connector.
- For branching flat cables.
- For rational installations it is recommended to use an electric screwdriver (Please observe the tightening torques!)

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- For branching flat cables.
- For rational installations it is recommended to use an electric screwdriver (Please observe the tightening torques!)

Where are these flat cables used?

- in long corridors and spacious offices
- in supermarkets
- for the lighting of railway stations, car parks or halls
- for light industry

ecofil 5G4mm²

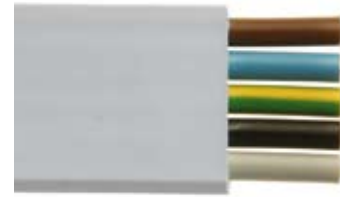
Flat cable 5G4mm²

5.2.74

- compact flat cable with 5 leads
- 3 distinct phases (L1, L2 and L3) in one flat cable
- asymmetric flat cable to avoid reverse polarity



Flat cable of PVC
3L+N+PE



Flat cable halogen-free
3L+N+PE

No.

49404

49405

Technical data

	49404	49405
Sheath	PVC	Polyethylene Compound
Colour of the sheath	light grey	light grey
Dimensions	26.6x6.7mm	26.6x6.7mm
Weight	410g/m	410g/m
No. of leads x cross-section	5x4mm ²	5x4mm ²
Copper conductors	tinned, highly flexible	tinned, highly flexible
Insulation of the leads	PVC	Flame retardant, vulcanized and halogen-free Polyethylene Compound
Colour of the leads	grey, black, green/yellow, blue, brown	grey, black, green/yellow, blue, brown
Test voltage	4kV, 50Hz	4kV, 50Hz
Rated voltage	0.6/1kV	0.6/1kV
DC-resistance	5.09Ω/km	5.09Ω/km

Accessories

see page

see page

	49404	5.2.76	49405	5.2.76
Connecting box	49955	5.2.76	49955	5.2.76
Branching box 3-pole	49963G	5.2.75	49963G	5.2.75
Branching box 5-pole	49965G	5.2.75	49965G	5.2.75
Cable end piece	49980	5.2.77	49980	5.2.77
Cable fastening clamp	49981	5.2.77	49981	5.2.77
Cable stripping tool	49623	5.2.77	49623	5.2.77
Shears	49930	5.2.77	49930	5.2.77
Insulating tape	49632	5.2.77	49632	5.2.77

¹ other colours on request (e.g. red, white, black)

² other colours on request (e.g. red, white, black)

ecofil 5G4mm²

Branching boxes with socket 3 or 5-pole to flat cables No. 49404 and 49405

- plugged branching for power current
- reverse polarity protection
- lateral connection



Branching box without wire stripping with socket 3-pole



Branching box without wire stripping with socket 5-pole

5.2.75

No.

49963G

150 721 007

49965G

150 721 017

Technical data

Weight	133g	143g
Dimensions LxWxH	112x49x43mm	112x49x43mm
Fire load	0.57kWh	0.58kWh
Socket	type GST18i3	type GST18i3
Plastic parts	light grey / black, halogen-free	light grey / black, halogen-free
Metal parts	corrosion-resistant	corrosion-resistant
No. of leads x cross-section	5x4mm ²	5x4mm ²
Pointed screws	tightening torque 0.7Nm, Phillips-head screwdriver No. 1	tightening torque 0.7Nm, Phillips-head screwdriver No. 1
Clamping screws	tightening torque 0.7Nm, Phillips-head screwdriver No. 1	tightening torque 0.7Nm, Phillips-head screwdriver No. 1
Rated voltage	250V/400V	250V/400V
Max. rated current	16A	16A
Packing unit	50 pce.	50 pce.
Degree of protection	IP20	IP20

Accessories

see page

see page

Connector	49743M	5.2.52	49745M	5.2.54
Socket	49743F	5.2.52	49745F	5.2.54
Pre-wired connectors	49743/..M, ..M25	5.2.52	49745/..M, ..M25	5.2.54
Extensions	49743/..MF, ..MF25	5.2.53	49745/..MF, ..MF25	5.2.55
Locking	49750	5.2.53	49750	5.2.55

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Connecting box for power current to flat cables No. 49404 and 49405

5.2.76

- plugged branching for power current
- reverse polarity protection
- lateral connection



Connecting box for supply and branching for power current

No.

49955

150 724 037

Technical data

Weight	122.5g
Dimensions LxWxH	95x49x44mm
Fire load	0.56kWh
Plastic parts	light grey / black, halogen-free
Metal parts	corrosion-resistant
Pointed screws	tightening torque 0.7Nm, Phillips-head screwdriver No. 1
Clamping screws	tightening torque 1Nm, Phillips-head screwdriver No. 1
Cross-section	4mm ²
Rated voltage	690V
Max. rated current	25A
Packing unit	50 pce.

Accessories

see page

Connector	49743M	5.2.52
Socket	49743F	5.2.52
Pre-wired connectors	49743/...M, ...M25	5.2.52
Extensions	49743/...MF, ...MF25	5.2.53
Locking	49750	5.2.53

Accessories

Cable end piece



49980
120 900 107

Of polycarbonate, halogen-free, transparent
IP65
Dimensions: 35x31x22mm
Weight: 9.5g
Fire load: 0.06kWh
Packing unit: 10 pce.

Note:
Before mounting the cable, first strip it at both ends for a distance of 19mm so that the specified creepage distance will be observed.

Cable fastening clamp for screwing on



49981
120 009 007

To fix the cable
Of polyamide 66, halogen-free, grey
Dimensions: 32x15x8mm
Weight: 1.5g
Fire load: 0.01kWh
Packing unit: 500 pce.

Cable stripping tool



49623
983 053 107

This tool offers the advantage of stripping neatly and easily the cable without damaging the insulation of the conductors.
Packing unit: 1 pce.

Note:
The cable has to be stripped at both ends for a distance of 19mm so that the conductors can be inserted properly in the end pieces.

Shears



49930
983 045 037

For cutting neatly and easily every type of flat cables (max. width 32mm).
With sliding anvil. Teflon coated blades.
Packing unit: 1 pce.

Insulating tape



49632
150 901 147

To reinsulate correctly the holes due to pointed screws or cutting teeth when removing or displacing connections.
Insulating tape trademark "Scotch 2210", synthetic caoutchouc-based product, PVC coated black.
Weatherproof, self-fusing.
Dimensions: 50mmx1m
Dielectric strength: max. 18kV/mm
Temperature: max. +70°C
Packing unit: 1 meter