

SK TD-KIT-1

Part number: 275 274 031

Connection extension for extension of terminals

Scope of delivery

3 x	Connection terminal, 3 pole
1 x	Cable set TD-Kit-1



Field of use

Used for extending the power terminals:

With the use of power plug connectors with power inputs and outputs, a common connection cannot be made via the power terminals of the drive electronics (SK 135E / SK 180E series) Therefore this kit is required.

Use for extension of power supply terminals of internal CU4 modules:

This kit may be required for the use of internal SK CU4 modules which require a separate power supply in the form of a mains connection, as there is not always an adequate number of terminals available.



Technical Data

Terminal	WAGO
Number of contacts	3
Conductor cross-section (fine wire / one or more wires)	0.08 ... 4 mm ² / 0.08 ... 2.5 mm ²
Rated current I _N EU / UL (USA)	32 A / 20 A
Rated voltage EU / UL (USA)	400 V / 600 V

Cable	TD-Kit-1 set
Number / length of cables	3 / 125 mm
Cable cross section (fine wire)	4 mm ² KI.5
Rated current for cable	32 A
Nominal voltage for cable	750 V

Technical Information / Datasheet	SK TD-KIT-1			
Connection extension	TI 275274031	V 1.0	2216	EN

Connection extension – SK TD-KIT-1

Length of cable gland excluding insulation	9 ... 10 mm
Usable cable types	14 ... 28 AWG
Maximum temperature in continuous use	85°C
Degree of fouling	2

Start of cable / End of cable	10 mm insulation removed / insulated conductor sleeve
Cable type / colour	H07V-K / black
Maximum permissible temperature	70°C
Conductor material / type	Cu, bare metal / fine wire

Power terminal connections (connection between SK 1xxE and SK TIE4-...)

WAGO terminal	Potential	SK 135E ... 175E Terminal	SK 180E ... 190E Terminal	SK TIE4-... PIN
1	L1		L1	L1
2	L2		L2	L2
3	L3		L3	L3

Power supply connections (connection between SK 1xxE and SK CU4-...)

SK CU4-MBR(-C) Mains supply 1~ 115 V AC, 1~ 230 V AC or 3~ 230 V AC

WAGO terminal	Potential	SK CU4-MBR terminal	SK 180E ... 190E terminal
1	L1	L1 _E	L1
2	L2/N	L2/N	L2/N
3	24V DC	44	43

SK CU4-MBR(-C) Mains supply 3~ 400 V AC, 3~ 460 V AC or 3~ 480 V AC

WAGO terminal	Potential	SK CU4-MBR terminal	SK 180E ... 190E Terminal
1	L1	L1 _B	L1
2	L2	L2	L2
3	24V DC	44	43

Can optionally be used for:

SK CU4-24V-123-B(-C) Mains supply 1~ 115 V AC, 1~ 230 V AC or 3~ 230 V AC

WAGO terminal	Potential	SK CU4-24V... terminal	SK 180E ... 190E Terminal
1	L1	L1	L1
2	L2/N	L2	L2/N
3	24V DC	44	43

SK CU4-24V-140-B(-C) Mains supply 3~ 400 V AC, 3~ 460 V AC or 3~ 480 V AC

WAGO terminal	Potential	SK CU4-24V... terminal	SK 180E ... 190E Terminal
1	L1	L1	L1
2	L2	L2	L2
3	24V DC	44	43