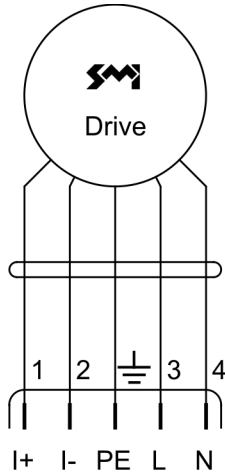


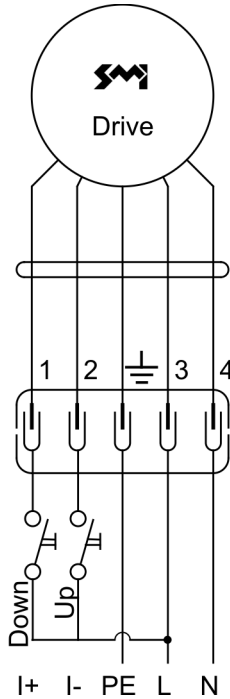
Conductor assignment for SMI drives for mains voltage



I+ I- PE L N

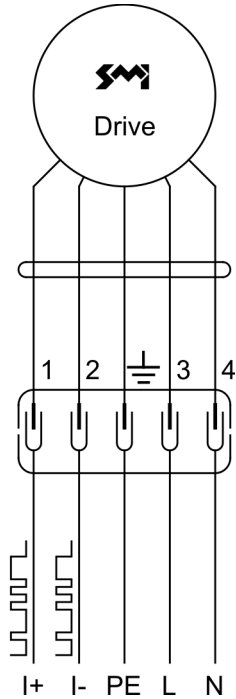
I+: Control wire +
I-: Control wire -
PE: Protective earth conductor
L: Live
N: Neutral wire

Names



I+ I- PE L N

Push Button operation



I+ I- PE L N

Telegram operation

Connector on drive cables	The STAS4 connector from Hirschmann is recommended.		
Cable connections and connector assignment for the STAS4/STAK4 connection system with cables having black, grey, brown, blue and yellow-green wires	STAS 4	Wire colour	Name
	STAK 4		
	1	black	I+
	2	grey	I-
	3	brown	L
Cable connections and connector assignment for the STAS4/STAK4 connector system with cables having 2 black wires	STAS 4	Wire colour	Name
	STAK 4		
	1	black 1	I+
	2	black 2	I-
	3	brown	L
	4	blue	N
	5	green-yellow	PE
	Definition of the black wires: black 1: between blue and green-yellow black 2: between brown and green-yellow		
Note on laying SMI wires in custom cables	The I+ and I- SMI wires can be laid in the motor connection line of the SMI drive (as above) or in their own cable. It is not permitted to lay SMI wires together with wires carrying other signals in one cable. If SMI drives wired in parallel are supplied with electrical power from different phases, the SMI I+ and I- wires must be laid in a separate cable.		

SMI drives on different AC phases

Parallel connection to the control lines I+ and I- while supplying power to the drives from different phases, is only permissible in telegram operating mode.

