

recommended connection diagram for VKUP1

Nr.	Color	mm <sup>2</sup>	recommended operation	Nr.	Color	mm <sup>2</sup>	recommended operation
1	Brown	1,5	battery MINUS	11	Red	1,5	phase conductor L2 400V AC
2	Yellow	1,5	battery MINUS	12	Yellow	1,5	phase conductor L3 400V AC
3	Red	1,5	battery MINUS	13	Green	0,5	not used
4	Yellow	0,5	freely available	14	Orange	0,5	not used
5	Blue	0,5	not used	15	Red	2,5	battery PLUS 12-24V DC
6	White	0,5	signaling contact	16	Yellow	2,5	battery PLUS 12-24V DC
7	Red	0,5	signaling contact	17	Yellow/Green	1,5	earth potential and reference ground for dissolving process*
8	Yellow	0,5	supply voltage for internal electronic system 12V DC PLUS*	18	Blue	1,5	neutral conductor N 230VAC
9	Yellow	0,5	supply voltage for internal electronic system 12V DC MINUS*	19	Black	4mm	compressed-air for braking system 0-10bar
10	Black	1,5	phase conductor L1 230V AC	20	transp.	6mm	compressed-air for dissolving process 2-6bar

\*mandatory connection for flawless operation



