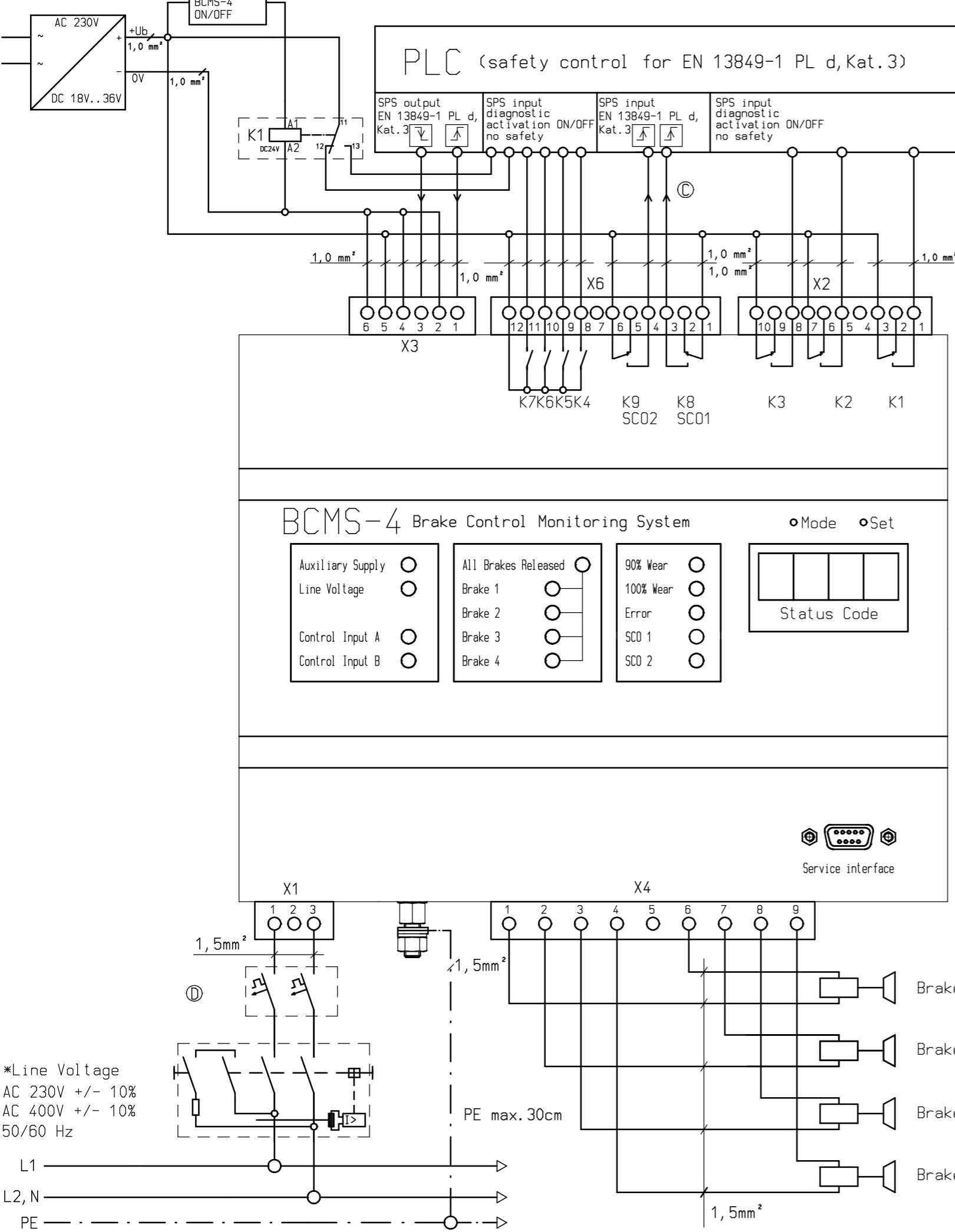


Auxiliary Supply (PELV; SELV)

Wiring diagram BCMS-4 with changer contact K1 for safety control DIN EN ISO 13849-1 PL d, Kat. 3

Legend

- LED 1: Auxiliary supply (green)
- LED 2: Line voltage (green)
- LED 3: Control input A (yellow)
- LED 4: Control input B (yellow)
- LED 5: All brakes released (green)
- LED 6: Brake 1 (yellow)
- LED 7: Brake 2 (yellow)
- LED 8: Brake 3 (yellow)
- LED 9: Brake 4 (yellow)
- LED 10: 90% Wear (orange)
- LED 11: 100% Wear (blue)
- LED 12: Error (red)
- LED 13: Safety Control Output 1 (yellow)
- LED 14: Safety Control Output 2 (yellow)
- Push button 1: Mode
- Push button 2: Set
- Numeric display: Status Code



- X1-1: (L1) *Line Voltage AC
 - X1-2: not connected
 - X1-3: (L2, N) *Line Voltage AC
 - X2-1: K1 signal all brakes released (n.o.)
 - X2-2: K1 signal all brakes released (n.c.)
 - X2-3: K1 Com (+Ub)
 - X2-4: not connected
 - X2-5: K2 signal friction lining 90% (n.o.)
 - X2-6: K2 signal friction lining 90% (n.c.)
 - X2-7: K2 Com (+Ub)
 - X2-8: K3 signal Error (n.o.)
 - X2-9: K3 signal Error (n.c.)
 - X2-10: K3 Com (+Ub)
 - X3-1: Control Input signal 1 } for EN 13849-1 PL d, Kat. 3 (n.o.)
 - X3-3: Control Input signal "2 } (n.c.)
 - X3-2: 0 V
 - X3-4: 0 V
 - X3-5: Auxiliary Supply DC 18V..36V (+)
 - X3-6: Auxiliary Supply DC 18V..36V (-)
 - X4-1: Brake 1 output (+)
 - X4-2: Brake 2 output (+)
 - X4-3: Brake 3 output (+)
 - X4-4: Brake 4 output (+)
 - X4-5: not connected
 - X4-6: Brake 1 output (-)
 - X4-7: Brake 2 output (-)
 - X4-8: Brake 3 output (-)
 - X4-9: Brake 4 output (-)
- Ⓢ state K8/K9
Auxiliary supply +24V DC on X6-1: K8 Com (+Ub)
X6-2: K8 auxiliary contact
X6-3: K8 SC01 } for EN 13849-1 (n.o.)
X6-4: K9 SC02 } PL d, Kat.3 (n.o.)
X6-5: K9 auxiliary contact
X6-6: K9 Com (+Ub)
X6-7: not connected
X6-8: K4 signal Brake 1 released (n.o.)
X6-9: K5 signal Brake 2 released (n.o.)
X6-10: K6 signal Brake 3 released (n.o.)
X6-11: K7 signal Brake 4 released (n.o.)
X6-12: K4, K5, K6, K7 Com
- Subjects are to change without notice

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A 4-Vaj08016			22.09.2008	Vaj	Tolerierung ISO 8015 Maße ohne Toleranzangabe: ISO 2768-mK	KG A3	
B 8-Vaj09009			29.06.2009	Vaj			
C 8-Vaj09020			28.10.2009	Vaj			
D 8-Vaj11019			20.06.2011	Vaj			
E 8-Vaj11039			25.11.2011	Vaj			
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