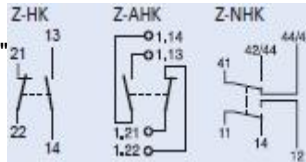


### Auxiliary Switch ZP-IHK, ZP-WHK, Tripping Signal Switch ZP-NHK

- Design according to IEC/EN 62019
- No screws required, can be snapped onto PL, PLS, PKNM subsequently
- ZP-IHK, ZP-WHK: can be snapped on additionally 1 time onto itself
- The specified minimum voltages are per contact, take into account particularly in case of series connection
- Contact material and design particularly suitable for extra low voltage, contact function with relative movement.
- ZP-NHK: The function of one of the two change-over contacts can be switched from "auxiliary switch" to "tripping signal switch"
- Tripping signal contact transmits message of electric tripping, not mechanical switch-off
- Test key for contact function "electrical tripping"
- ZP-NHK: The "service button" is used to check whether or not the auxiliary switch is correctly wired in tripping-signal-switch position, activating "service button" will mechanically simulate an electrical switch-off, so the mechanism for electrical switch-off will disengage and can be checked, the main switchgear (MCB, combined MCB/RCD or RCD...) connected to ZP-NHK auxiliary switch does not need to trip as well during an inspection through the service button.

Connection diagrams



Technical Data

Auxiliary Switch, Tripping Signal Switch	ZP-IHK	ZP-WHK	ZP-NHK
Tripping indicator "electrical tripping"	-	-	blue/white
Frame size	45mm	45mm	45mm
Device height	80mm	80mm	80mm
Device width	8.8mm, 0.5MU	8.8mm, 0.5MU	8.8mm, 0.5MU
Degree of protection, built-in	IP40	IP40	IP40
Terminal protection	Finger and hand touch safe according to BGV A3		
Terminals	Lift terminals	Lift terminals	Lift terminals
Terminal capacity	0.5-2.5mm <sup>2</sup>	0.5-2.5mm <sup>2</sup>	0.5-2.5mm <sup>2</sup>
Terminal screws	M4, Pozidrive Z2	M4, Pozidrive Z2	M4, Pozidrive Z0
Fastening torque of terminal screws	Maximum 1.2Nm	Maximum 1.2Nm	Maximum 1.2Nm
Can be mounted from the left onto	MCB	PL, PLS, PLZ	PL, PLS, PLZ
	RCD/MCB	PKNM	PKNM
	Accessories	ZP-A40, ZP-ASA, Z-MS	ZP-A40, ZP-ASA, Z-MS
Contact function	1NO + 1NC	1NC	2NO
Rated voltage	250V	250V	250V
Frequency	50/60Hz	50/60Hz	50/60Hz
Rated current	6A	6A	4A
Rated thermal current, I <sub>th</sub>	6A	6A	4A
Rated operational current in category AC13, I <sub>e</sub>	3A/250VAC	3A/250VAC	3A/250VAC
Rated operational current in category AC15, I <sub>e</sub>	2A/250VAC	2A/250VAC	2A/250VAC
Rated operational current in category DC12, I <sub>e</sub>	0.5A/110VDC	0.5A/110VDC	0.5A/110VDC
Rated insulation voltage, U <sub>i</sub>	250VAC	250VAC	250VAC
Minimum operational voltage per contact, U <sub>min</sub>	5VDC	5VDC	5VDC
Minimum operational current, I <sub>min</sub>	10mA, DC	10mA, DC	10mA, DC
Rated peak withstand voltage, U <sub>imp</sub>	2.5kV	2.5kV	2.5kV

Dimensions, mm

Example: ZP-IHK + PLS

