

Accessories for PLS6, PLSM, PLHT, PFIM

Auxiliary Switch (Snapping Design)

For Protective Device	Type Designation	Article No.
PLS6, PLSM	ZP-IHK	286052
PLS6, PLSM	ZP-NHK	248437
PLHT	-	-
PFIM	-	-

Auxiliary Switch (Screwing Design)

For Protective Device	Type Designation	Article No.
PLS6, PLSM	Z-AHK	248433
PLS6, PLSM	Z-NHK	248434
PLHT	Z-LHK	248440
PFIM	Z-HK	248432

Shunt Trip Release

For Protective Device	Type Designation	Article No.
PLS6, PLSM 12 - 60V	ZP-ASA/24	248438
PLS6, PLSM 110 - 220V	ZP-NHK/230	248439
PLHT 12 - 60V	Z-LHASA/24	248441
PLHT 110 - 415V	Z-LHASA/230	248442

Undervoltage Release

For Protective Device	Type Designation	Article No.
PLS6, PLSM 115V (Unde-layed)	Z-USA/115	248288
PLS6, PLSM 230V (Unde-layed)	Z-USA/230	248289
PLS6, PLSM 400V (Unde-layed)	Z-USA/400	248290

TECHNICAL SPECIFICATIONS

	ZP-IHK	ZP-NHK	Z-AHK	Z-NHK	Z-LHK	Z-HK	Z-HR
Electrical							
Contact Function	1NO + 1NC	1NO + 1NC	1NO + 1NC	2CO	1NO + 1NC	1NO + 1NC	1NO + 1NC
Rated Insulation Voltage U_i	250V AC	250V AC	250V AC	250V AC	440V AC	250V AC	250V AC
Rated Thermal Current I_{th}	4A	4A	4A	4A	8A	8A	6A
Utilisation Category AC 13							
Rated Operational Current I_e	3A / 250V AC	3A / 250V AC	3A / 250V AC	3A / 250V AC	6A / 250V AC 2A / 440V AC	6A / 250V AC 2A / 440V AC	6A / 250V AC 2A / 440V AC
Mechanical							
Degree of protection, built-in	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40

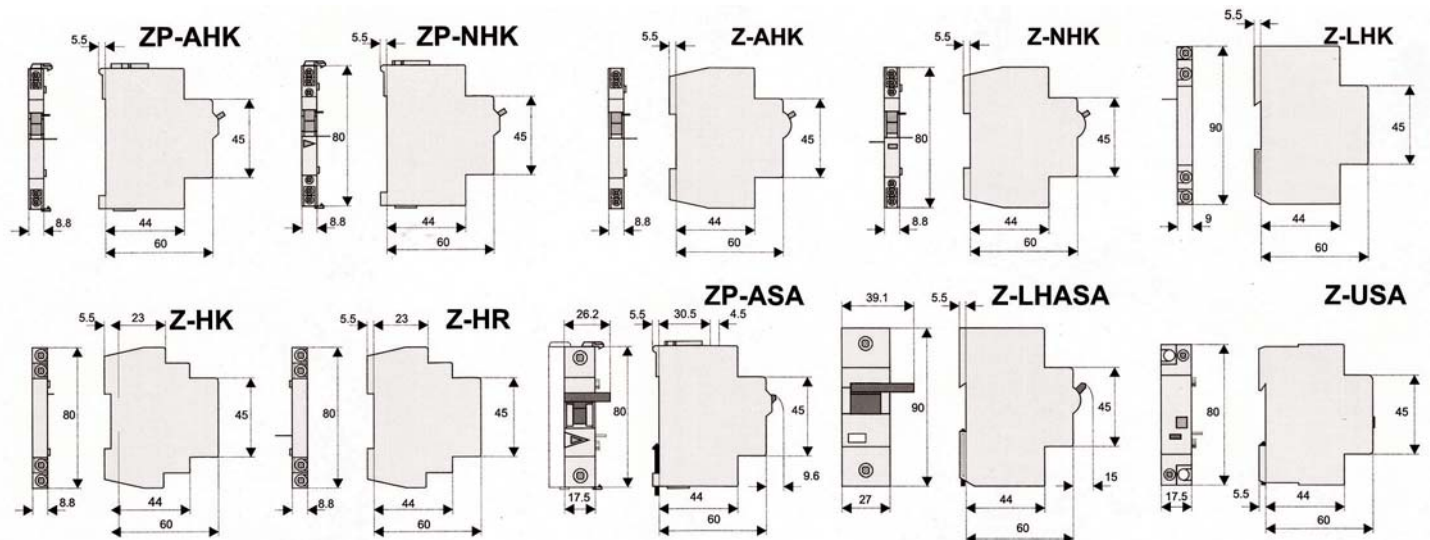
TECHNICAL SPECIFICATIONS

	ZP-ASA/24	ZP-ASA/230	Z-LHASA/24	Z-LHASA/230
Electrical				
Operational Voltage Range	12 - 60V AC 12 - 60V DC	110 - 415V AC 110 - 220V DC	12 - 60V AC	110 - 415V AC
Mechanical				
Degree of protection, built-in	IP 40	IP 40	IP 40	IP 40

TECHNICAL SPECIFICATIONS

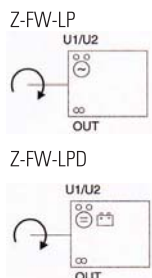
	Z-USA/115	Z-USA/230	Z-USA/400
Electrical			
Rated Voltage U_n	115V AC	230V AC	400V AC
Making Threshold	80% of U_n	80% of U_n	80% of U_n
Tripping Threshold	50% of U_n	50% of U_n	50% of U_n
Mechanical			
Degree of protection, built-in	IP 40	IP 40	IP 40

Dimension (mm)



Remote Control and Automatic Switching Device Z-FW

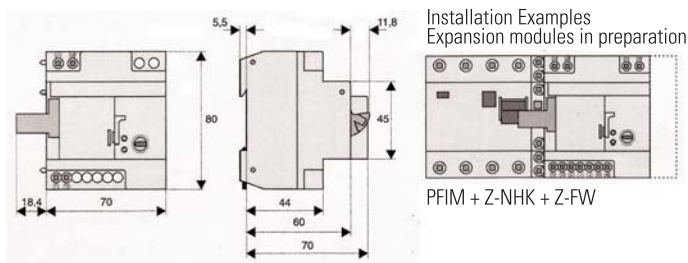
Function	Type Designation	Article No.
Without remote testing (RCD)	Z-FW-LP	248296
Without remote testing (RCD)	Z-FW-LPD	265244



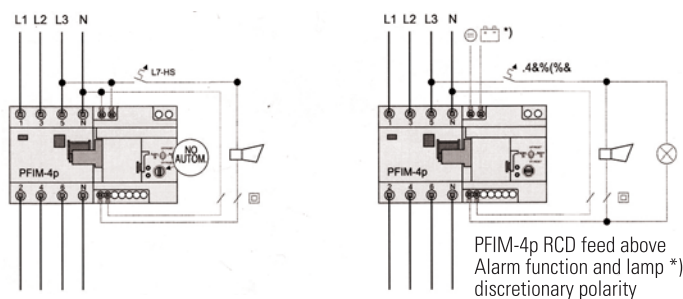
TECHNICAL SPECIFICATIONS

	Z-FW-LP	Z-FW-LPD
Electrical		
Rated Operational Voltage	220 / 240V AC	48V DC
Rated Frequency	50 / 60Hz	-
Relay output for alarm, potential-free	5A / 250V AC	5A / 250V AC
Permissible ambient temperature	-25 °C to +40 °C	-25 °C to +40 °C
Mechanical / Electrical endurance	min 20,000 ON / OFF switching cycles	min 20,000 ON / OFF switching cycles
Resetting times	max 20s; 30s; 70s; 10min; 1 hr	max 20s; 30s; 70s; 10min; 1 hr
Ready for switching operation	40s after switching on the power supply	40s after switching on the power supply
Maximum current consumption	20mA AC	300mA DC
Power consumption	1.5w	1.5w
Function selector	Automatic 5x, OFF / RESET	Automatic 5x, OFF / RESET
Mechanical		
Degree of protection, built-in	IP 40	IP 40
Terminal protection	Finger and hand touch safe, VBG 4, ÷VE-EN 6	Finger and hand touch safe, VBG 4, ÷VE-EN 6
Mounting	Quick fastening with 2 lock-in positions on DIN rail EN 50022	Quick fastening with 2 lock-in positions on DIN rail EN 50022

Dimension (mm) for Z-FW-LP, -LPD



Connection Examples



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