

Application table									
Type	Art. No.	TE	Weight (g)	No. of poles	Circuit	I _{imp} (kA)	U _c (V)	Mode of protection	
HZ110	10 120	4	1000	1	1+0	110	255	L/N, L/PEN, L/PE	
HZ110/500	10 125	4	1000	1	1+0	110	500	L/N, L/PEN, L/PE	
HS50-50	10 090	2	225	1	1+0	50	255	L/N, L/PEN, L/PE	
HS55	10 055	2	225	1	1+0	50	440	L/N, L/PEN, L/PE	
HS100	10 100	2	360	1	0+1	100	255	N/PE	
JK110	10 110	2	360	1	0+1	110	255	N/PE	

Recommended sets for TNC system

Set	Consisting of	TE	Weight (g)	No. of poles	Circuit	I _{total} (kA)	Application		
HZ110/3+0	3xHZ110	12	3000	3	3+0	-	Areas with high frequency of storm days		
HZ110/500/3+0	3xHZ110/500	12	3000	3	3+0	-	Areas with high frequency of storm days		
HS50-50/3+0	3xHS50-50	6	675	3	3+0	-	Transformers, main switchboard and before electrometer		
HS55/3+0	3xHS55	6	675	3	3+0	-	Transformers and main switchboard		

Recommended sets for TNS system

HS50-50/4+0	4xHS50-50	6	900	4	4+0	-	Transformers, main switchboard and before electrometer		
HS55/4+0	4xHS55	6	900	4	4+0	-	Transformers and main switchboard		

Recommended sets for TNS and TT systems

HS50-50/3+1	3xHS50-50 + 1xHS100	8	1035	4	3+1	100	Transformers, main switchboard and before electrometer		
HS55/3+1	3xHS55 + 1xJK110	8	1035	4	3+1	110	Transformers and main switchboard		

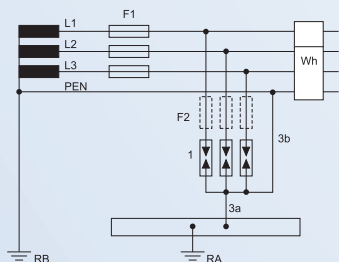
TE - dividing unit (17,5 mm)

Housing material - Polyamide PA6

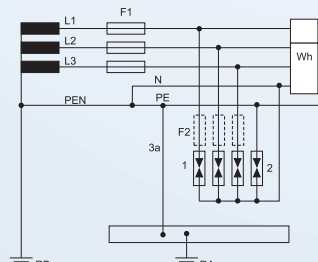
Recommended cable cross-section of the connected conductors (at tightening torque of clamps 4Nm)

35 mm² (solid), 25 mm² (flexible)

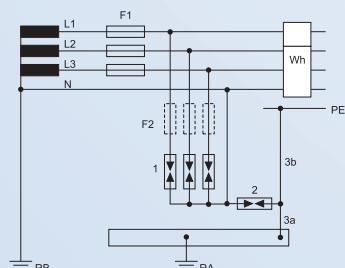
TNC (3+0)



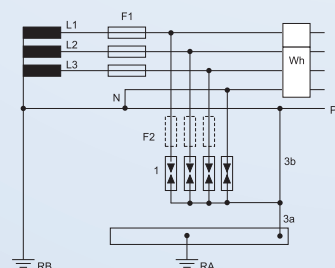
TNS (3+1)



TT (3+1)



TNS (4+0)



- 1 Multiple spark gap HS50-50 or HS55
- 2 Total current spark gap HS100 or JK110
- 3a, 3b Earthing wires for arresters
- F1 Main back-up fuse of service main
- F2 Recommended back-up fuse 315AgL/gG
(only if the main back-up fuse F1 is fitted with back-up fuses > 315AgL/gG)
- RA Grounding of the equipment
- RB Grounding system

Application table									
Type	Art. No.	Former type	TE	Weight (g)	No. of poles	Circuit	I _{imp} (kA)	U _c (V)	Mode of protection
PIVM7-75	10 116		1	98	1	1+0	7	75	L/N, L/PEN, L/PE
PIVM7-75 DS	10 117		1	98	1	1+0	7	75	L/N, L/PEN, L/PE
PIVM7-150	10 018	PIVT - 120	1	106	1	1+0	7	150	L/N, L/PEN, L/PE
PIVM7-150 DS	10 019	PIVT - 120 DS	1	106	1	1+0	7	150	L/N, L/PEN, L/PE
PIVM7-275	10 021	PIVT - 230	1	99	1	1+0	7	275	L/N, L/PEN, L/PE
PIVM7-275 DS	10 022	PIVT - 230 DS	1	99	1	1+0	7	275	L/N, L/PEN, L/PE
PIVM7-320	10 156		1	106	1	1+0	7	320	L/N, L/PEN, L/PE
PIVM7-320 DS	10 157		1	106	1	1+0	7	320	L/N, L/PEN, L/PE
PIVM7-385	10 118		1	106	1	1+0	7	385	L/N, L/PEN, L/PE
PIVM7-385 DS	10 119		1	106	1	1+0	7	385	L/N, L/PEN, L/PE
PIVM7-440	10 028	PIVT - 400	1	108	1	1+0	7	440	L/N, L/PEN, L/PE
PIVM7-440 DS	10 029	PIVT - 400 DS	1	108	1	1+0	7	440	L/N, L/PEN, L/PE
PIV12,5-275	10 006	PIV - 230	1	140	1	1+0	12,5	275	L/N, L/PEN, L/PE
PIV12,5-275 DS	10 020	PIV - 230 DS	1	140	1	1+0	12,5	275	L/N, L/PEN, L/PE
PIV12,5-320	10 148		2	234	1	1+0	12,5	320	L/N, L/PEN, L/PE
PIV12,5-320 DS	10 149		2	234	1	1+0	12,5	320	L/N, L/PEN, L/PE
PIV12,5-385	10 150		2	234	1	1+0	12,5	385	L/N, L/PEN, L/PE
PIV12,5-385 DS	10 151		2	234	1	1+0	12,5	385	L/N, L/PEN, L/PE
PIV12,5-440	10 014	PIV - 400	2	236	1	1+0	12,5	440	L/N, L/PEN, L/PE
PIV12,5-440 DS	10 024	PIV - 400 DS	2	236	1	1+0	12,5	440	L/N, L/PEN, L/PE
B25	30 024		1	72	1	0+1	25	255	N/PE
B25M	30 124		1	73	1	0+1	25	255	N/PE
B50	10 050		1	116	1	0+1	50	255	N/PE
B80	10 080		1	116	1	0+1	80	255	N/PE
B100	10 001		2	228	1	0+1	100	255	N/PE

Recommended sets for TNC system

Set	Consisting of	TE	Weight (g)	No. of poles	Circuit	I _{total} (kA)	Application
PIVM7-275/3+0	3xPIVM7-275	3	297	3	3+0	-	Residential houses with standard equipment,
PIVM7-275 DS/3+0	3xPIVM7-275 DS	3	297	3	3+0	-	industrial structures free of people and internal equipment
PIV12,5-275/3+0	3xPIV12,5-275	3	318	3	3+0	-	The main switchboard in family houses,
PIV12,5-275 DS/3+0	3xPIV12,5-275 DS	3	318	3	3+0	-	smaller office buildings and agricultural buildings

Recommended sets for TNS system

PIVM7-275/4+0	4xPIVM7-275	4	396	4	4+0	-	Residential houses with standard equipment,
PIVM7-275 DS/4+0	4xPIVM7-275 DS	4	396	4	4+0	-	industrial structures free of people and internal equipment
PIV12,5-275/4+0	4xPIV12,5-275	4	560	4	4+0	-	The main switchboard in family houses,
PIV12,5-275 DS/4+0	4xPIV12,5-275 DS	4	560	4	4+0	-	smaller office buildings and agricultural buildings

Recommended sets for TNS and TT systems

PIVM7-275/3+1	3xPIVM7-275 + 1xB25M	4	370	4	3+1	25	Residential houses with standard equipment,
PIVM7-275 DS/3+1	3xPIVM7-275 DS + 1xB25M	4	370	4	3+1	25	industrial structures free of people and internal equipment
PIV12,5-275/3+1	3xPIV12,5-275 + 1xB50	4	434	4	3+1	50	The main switchboard in family houses,
PIV12,5-275 DS/3+1	3xPIV12,5-275 DS + 1xB50	4	434	4	3+1	50	smaller office buildings and agricultural buildings

Spare module

Type	Art. No.	Weight (g)
PIVM7-75/M	10 522	55
PIVM7-150/M	10 523	56
PIVM7-275/M	10 524	58
PIVM7-320/M	10 525	60
PIVM7-385/M	10 526	62
PIVM7-440/M	10 527	63
B25M/M	30 126	58

TE - dividing unit (17,5 mm)

Housing material - Polyamide PA6

Recommended cable cross-section of the connected conductors for B25, B50, B80, PIV and PIVM (at tightening torque of clamps 4Nm)

25 mm² (solid), 16 mm² (flexible)

Recommended cable cross-section of the connected conductors for B100 (at tightening torque of clamps 4Nm)

35 mm² (solid), 25 mm² (flexible)