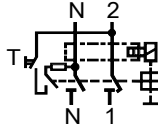
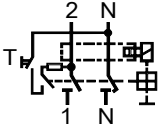
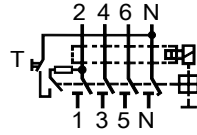


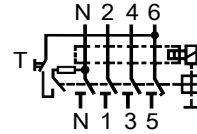
# Technical features

Technical data EFI Instantaneous type AC & A		
Type	EFI-P2 Instantaneous	EFI-P4 Instantaneous
<b>Electrical</b>		
Rated Voltage $U_n$	230 / 240 V AC	400/415V AC
Rated current $I_n$	16, 25, 40, 63, 80A	16, 25, 40, 63, 80A
Rated frequency $f_n$	50/60Hz	50/60Hz
Rated insulation voltage $U_i$	440V	440V
Rated impulse withstand voltage (1,2/50 $\mu$ s)	4kV	4kV
Peak withstand current (8/20 $\mu$ s)	400A	400A
Electrical isolation	> 4mm contact space	
Rated residual operating current $I_{rn}$	0,03; 0,1; 0,3 & 0,5A	0,03; 0,1; 0,3 & 0,5A
Rated conditional short-circuit current $I_{cn}$	10kA	10kA
Rated making and breaking capacity $I_m$	800A	630A (EFI-P4 63A) & 800A (EFI-4 80A)
Max back-up fuse for short circuit protection	80A gG	63A gG (EFI-P4 63A) & 80A gG (EFI-4 80A)
Voltage range test circuit	150-264V	150-264V
Min. operating voltage	voltage independent	voltage independent
Insulating class	B	B
Standards	IEC/EN 61008	IEC/EN 61008
Mechanical Endurance	> 10.000 cycles	> 10.000 cycles
Electrical endurance	> 4.000 cycles	> 4.000 cycles
Shock resistance	acc to IEC/EN 61008-1	acc to IEC/EN 61008-1
Resistance to vibrations acc. To IEC 60068-2-7	5g (10, 60 & 500Hz)	5g (10, 60 & 500Hz)
<b>Mechanical</b>		
Frame size	45mm	45mm
Device height	68mm (DIN rail acc to EN6071)	
Device width	36mm (2 x Module units)	72mm (4 x Module Units)
Degree of protection	IP20	IP20
Upper and lower terminals	open mounted/lift terminals	
Terminal capacity	1-25mm <sup>2</sup>	1-25mm <sup>2</sup>
Terminal screw	M5 (Pozidrive PZ2)	M5 (Pozidrive PZ2)
Terminal torque	max 3Nm	max 3Nm
Busbar thickness	0,8 - 2 mm	0,8 - 2 mm
Operating temperature	-25°C ... +55°C	-25°C ... +55°C
Storage and transport temperature	-40°C ... +70°C	-40°C ... +70°C
Resistance to climatic conditions	IEC/EN 61008	IEC/EN 61008
Contact position indicator	mechanical red/green	
Mounting position	any	
Mounting on the rail	35mm acc to EN50022	
Supply possibility	top or bottom	

In [A]	Power dissipation EFI-P2	Power dissipation EFI-P4
	P/pole [W]	P/pole [W]
16	0,46-0,51	0,48-0,62
25	1,22-1,27	1,27-1,52
40	3,48-3,72	4,14-5,00
63	2,14-2,58	2,45-3,00
80	3,53-3,82	



Version with N-pole on the left



Version with N-pole on the left

