Circuit-breakers, switch-disconnectors 17/137

Earth-fault release, residual-current relay

HPL17137EN

NZM3, NZM4, PFR-...

			NZIVIƏ, NZIVI4, FFN						
		For use with	Part no. su Article no. ordering w basic devi	. for vith	Price See price list	Std. pa	ck Notes		
Earth-fault release, S	3 pole, 4 pole								
Not dependent on mains and control voltages NZM4 Ig = 0.35-0.4-0.5-0.6-0.7-0.8-0.9-1.0 x In NS4 tg = 0-20-60-100-200-300-500-750-1000 ms NZM4-4 Not UL/CSA approved NZM4-4		+NZM4-XT 266721 +NZM4-4-XT			1 off	break Not in	uitable for use in conjunction with circuit- ers with electronic releases. combination with motor-protective circuit-		
			266722				Indica	<pre>kers NZMME ation of the earth-fault in optional DMI nunication module.</pre>	
					Part no. Article n	D.	Price See price list	Std. pack	Notes
	Description		Rated cu Energy	Motor					
			I _n A	I _n A					
Residual-current rel	lays								
Pulsed current sensitiv Rated control voltage: l Integrated auxiliary cor Ring-type transformer r Not UL/CSA approved	U _s = 230 V AC (50/60 Hz) ntact (1 C/0)								
	Rated fault current $I_{\triangle I}$	_N = 0.03 A	-	-	PFR-003 285555			1 off	_
	Rated fault current $I_{\bigtriangleup N}$ = 0.3 A		_	_	PFR-03 285556				-
	Rated fault current $I_{\bigtriangleup N} = 0.03-5 \text{ A}$ Adjustable fault current and delay time Fault current early warning by flashing, red LED			-	PFR-5 2855557				Adjustable fault current: 0.03, 0.1, 0.3, 0.5, 1, 3, 5 A Adjustable delay time: 0.02, 0.1, 0.3, 0.5, 1, 3, 5 A
		_		-	PFR-5-11 116963	OAC			_
Rated operating voltage Not UL/CSA approved	Internal diameter: 20 mm							1 off	Includes fixing clip for DIN r mounting
			50	50	PFR-W-2 285558			1 off	
	Internal diameter: 20 n Internal diameter: 30 n		50	50				1 off	
		ım			285558 PFR-W-3	0		1 off	mounting
	Internal diameter: 30 n	nm nm	150	100	285558 PFR-W-3 285559 PFR-W-3 285600 PFR-W-7	0		1 off	mounting Includes screw fixing Alternative: fixing clip for DI mounting rail Note on engineering:
	Internal diameter: 30 n Internal diameter: 35 n	nm nm nm	150	100	285558 PFR-W-3 285559 PFR-W-3 285600 PFR-W-7 285601 PFR-W-1	0 5 0		1 off	mounting Includes screw fixing Alternative: fixing clip for DI mounting rail Note on engineering: The current transformer diameter must be selected 1
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m	ım ım ım mm	150 150 150 400	100 100 200	285558 PFR-W-3 285559 PFR-W-3 285600 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1	0 5 0 05		1 off	mounting Includes screw fixing Alternative: fixing clip for DI mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throu
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105	nm nm nm mm mm	150 150 400 600	100 100 200 250	285558 PFR-W-3 285559 PFR-W-3 285600 PFR-W-7 285601 PFR-W-1 285602	0 5 0 05 40		1 off	mounting Includes screw fixing Alternative: fixing clip for DI mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop
Magnetic shielding	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285600 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1 285603 PFR-W-2	0 5 0 05 40		1 off	mounting Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throuy
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285600 PFR-W-7 285601 PFR-W-1 285603 PFR-W-1 285603 PFR-W-2 285604	0 5 0 05 40 10			mounting Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throug conductor.
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285500 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1 285603 PFR-W-1 285604 PFR-W-1 285604 PFR-W-1 285604	0 5 0 05 40 10 A-35		1 off	mounting Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throug conductor. Required for load circuits wit high inrush currents
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210 PFR-W-35 PFR-W-70	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285500 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1 285603 PFR-W-2 285604 PFR-WW 286001 PFR-WW 286002	0 5 0 05 40 10 IA-35 IA-70			Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throug conductor.
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285500 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1 285603 PFR-W-1 285604 PFR-WW	0 5 0 05 40 10 IA-35 IA-70			mounting Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throug conductor. Required for load circuits wi high inrush currents > 4 × In, e.g. motors and
Magnetic shielding Not UL/CSA approved	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210 PFR-W-35 PFR-W-70	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285500 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1 285603 PFR-W-2 285603 PFR-W-2 285604 PFR-WN 286001 PFR-WN 286002 PFR-WN 286002 PFR-WN	0 5 0 05 40 10 (A-35 (A-70) (A-105			mounting Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throug conductor. Required for load circuits wi high inrush currents > 4 × In, e.g. motors and
	Internal diameter: 30 m Internal diameter: 35 m Internal diameter: 70 m Internal diameter: 105 Internal diameter: 140 Internal diameter: 210 PFR-W-35 PFR-W-70 PFR-W-105	nm nm nm mm mm	150 150 400 600 1200	100 100 200 250 630	285558 PFR-W-3 285559 PFR-W-3 285500 PFR-W-7 285601 PFR-W-1 285602 PFR-W-1 285603 PFR-W-1 285603 PFR-W-2 285604 PFR-WN 286001 PFR-WN 286001 PFR-WN 286002 PFR-WN 286003 PFR-WW	0 5 0 05 40 10 10 (A-35 (A-70 (A-105) (A-140)			mounting Includes screw fixing Alternative: fixing clip for DII mounting rail Note on engineering: The current transformer diameter must be selected 1 times larger than the envelop diameter of the passed throug conductor. Required for load circuits withigh inrush currents > 4 × In, e.g. motors and