

**Table 44 – W/Y-Frame Circuit Breakers**

External neutral sensor for 3-phase, 4-wire residual ground fault system (or for neutral current monitoring) and external sensor for Modified Differential Ground Fault (MDGF) or Source Ground Return (SGR) system.

Frame	Sensor Plug (A)	External Neutral Sensor		PZ4 External Neutral Sensor (For use in PZ4 Switchgear)		MDGF/SGR Sensor <sup>1</sup>	
		For Residual Ground Fault	For 3-Pole Circuit Breaker with Oversize Neutral Protection <sup>2</sup>	For Residual Ground Fault	For 3-Pole Circuit Breaker with Oversize Neutral Protection <sup>2</sup>		
W	100	S48916	S48916	S48902	S48902		
	250		N/A		N/A		
	400	S34036	S34036	S48903	S48903	S33579	
	600/630						
	800						
	1000		S48896				
	1200/1250		S48182		S48182		N/A
	1600						
	2000	S48896	S48182	S48182	N/A		
	2500						
	3000	S48182					
	3200						
	4000					N/A	
				N/A			
Y	2000	S48897 <sup>3</sup>	S48897 <sup>3</sup>	S48898 <sup>3</sup>	S48898 <sup>3</sup>	S33579	
	2500						
	3000						
	3200						
	4000		N/A	S48897 <sup>3</sup>	N/A		
	5000						
	6000						
	6300					N/A	

<sup>1</sup> Four MDGF sensors (phase + 1 neutral) are required for W-frame; eight MDGF sensors are required for Y-frame. For SGR system only one sensor (neutral) is required for W-frame; two sensors for Y-Frame. A MDGF/SGR ground-fault interface module (Cat. no. S48891) is also required for each circuit breaker.

<sup>2</sup> Oversized neutral protection = 1.6 I<sub>r</sub> where I<sub>r</sub> = long time pick-up.

<sup>3</sup> Kit includes qty. (2) neutral sensors.