

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 ¹						
		For Residual Ground Fault	For 3-Pole Circuit Breaker with Oversize Neutral Protection ²	For Residual Ground Fault	For 3-Pole Circuit Breaker with Oversize Neutral Protection ²							
W	100	S48916	S48916	S48902	S48902							
	250		N/A		N/A							
	400	S34036	S34036	S48903	S48903	S33579						
	600/630											
	800											
	1000											
	1200/1250		S48896									
	1600		S48182		N/A							
	2000	S48896	S48182									
	2500	S48182					S48182					
	3000											
	3200						N/A					
	4000		N/A									
Y	2000	S48897 ³	S48897 ³	S48898 ³	S48898 ³	S33579						
	2500				N/A							
	3000											
	3200											
	4000											
	5000		N/A	S48897 ³								
	6000			N/A								
	6300											

¹ 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.

² Oversized neutral protection = $1.6 I_r$ where I_r = long time pick-up.

³ Kit includes qty. (2) neutral sensors.