

3VA Molded Case Circuit Breakers

3VA61 150A Electronic Trip Circuit Breakers

Technical information

Trip Settings for 3VA61

ETU320-LI, ETU330-LIG, ETU350-LSI

Continuous Amperage	LI, LIG, LSI			LSI		LIG	LI, LIG, LSI 4P only
I_n (Amp)	I_r (Amp) (L)	t_{td} (sec) (L)	I_i (Amp) (I)①	$I_{sd} = xI_r$ (Amp) (S)	t_{sd} (sec) (S)	I_g (Amp) (G)	$I_N = xI_r$ (Amp)
40	15 - 40	0.5 - 17	60-480	1.5 - 10	0.08 - 0.4	15 - 40	1 / OFF
100	40 - 100	0.5 - 17	150-1200	1.5 - 10		20 - 100	0.5 - 1 / OFF
150	60 - 150	0.5 - 17	225-1500	1.5 - 10		30 - 150	0.5 - 1 / OFF

① I_i for ETU350 is fixed at $12X I_n$

ETU550-LSI, ETU556 LSI(A), ETU560-LSIG, ETU820-LI, ETU830-LIG, ETU850-LSI, ETU856 LSI(A), ETU860-LSIG

Continuous Amperage	LI, LIG, LSI, LSIG, LSI(G)				LSI, LSIG, LSI(G)		LIG, LSIG, LSI(G)		LSI 3P with External CT	LI, LIG, LSI, LSIG, LSI(G) 4P only
I_n (Amp)	I_r (Amp) (L)	t_{td} (sec) (L)	I_i (Amp) (I)	I_{sd} (Amp) (S)	t_{sd} (sec) (S)	I_g (Amp) (G)	t_g (G)	$I_N = xI_r$ (Amp)	I_N (Amp)	
40	15 - 40	0.5 - 25	60-480	24 - 400	0.05 - 0.5	15 - 40	0.05 - 0.8	15 - 64 / OFF	15 - 64 / OFF	
100	40 - 100	0.5 - 25	150-1200	60 - 1000		20 - 100		20 - 160 / OFF	20 - 150 / OFF	
150	60 - 150	0.5 - 20	225-1500	90 - 1500		30 - 150		30 - 240 / OFF	30 - 150 / OFF	

For specific trip settings refer to the Electronic Trip Unit section of the 3VA Systems Manual, which can be found in the document download center at https://www.siemens.com/download?BTLV_50412.

Internal accessories Optional equipment	Slot No.:	3VA6 150/250 A 3-pole							3VA6 150/250 A 4-pole												
		24	23	22	21	11	12	13	14	34	33	32	31	24	23	22	21	11	12	13	14
Auxiliary switch	Type																				
Auxiliary switch	AUX_HQ	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	AUX_HQ_el	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	AUX_HP	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Leading changeover switch	LCS_HQ																				
	LCS_HQ_el																				
	LCS_HP																				
Alarm switch	Type																				
Trip alarm switch	TAS_HQ					x	x														
	TAS_HQ_el					x	x														
	TAS_HP					x															
Electrical alarm switch	EAS_HQ																				x
	EAS_HQ_el																				x
Auxiliary release	Type																				
Shunt trip flexible	STF																				
	STL																				
Undervoltage release	UVR																				
	UNI																				
ETU/communication	Type																				
Communication module Breaker data server	COM060																				
	24 V module																				
Other																					
Cylinder lock (type Ronis)																					

See page 7-70 for internal accessory part numbers.