

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 the maximum level shown in table.

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)②	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

② Adjustable in steps of 1A.

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://digitalcontentcenter.compas.siemens-info.com/SIE_IM_3VA6_Systems_Manual.pdf

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)																					x

See page 7-81 for internal accessory part numbers.