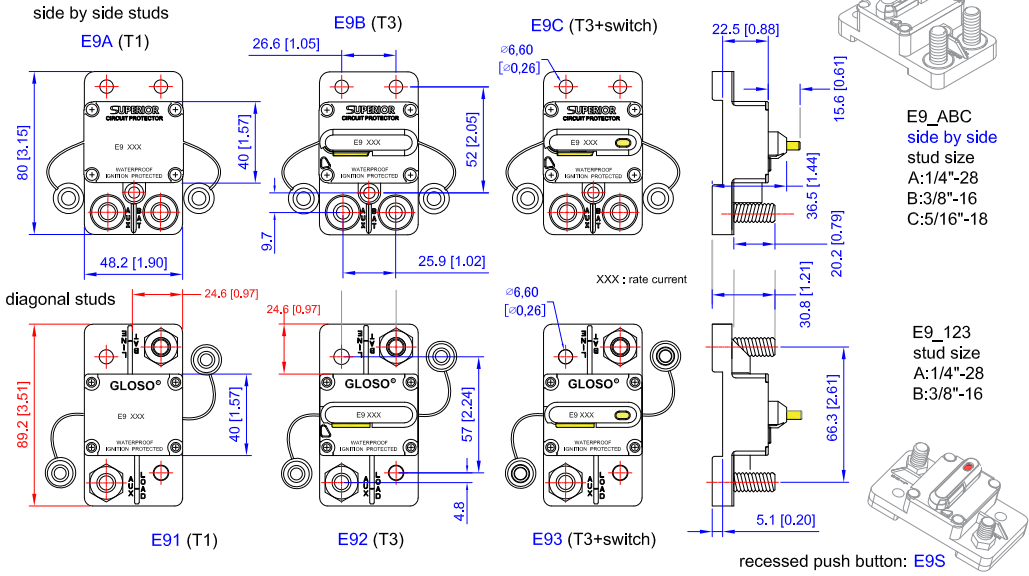


Wide surface mount max. to 300A

recessed push button: E9T

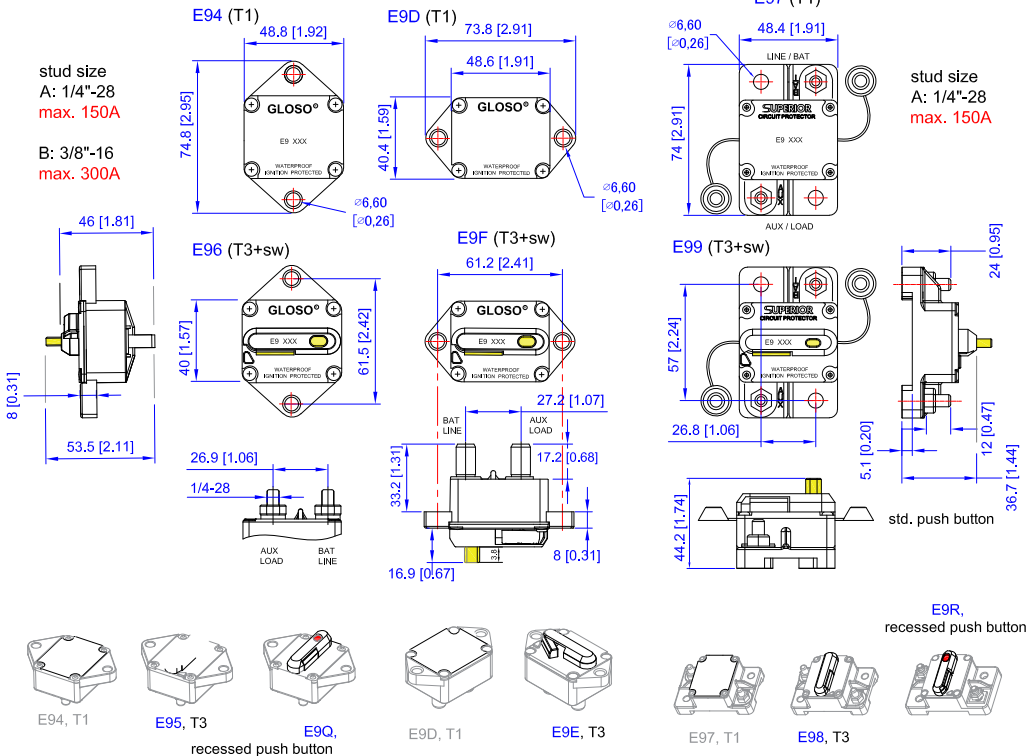


Panel mount

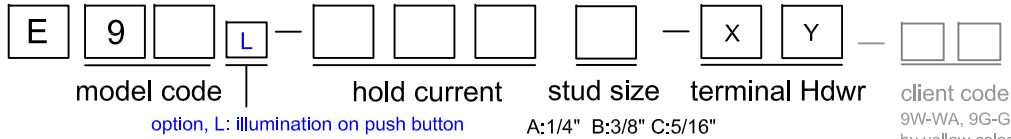
vertical mount

horizontal mount

Surface mount



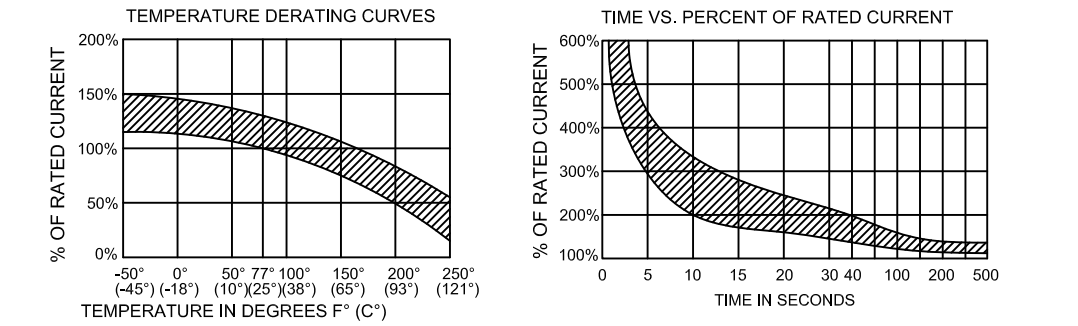
AEV	Item	Date	Description	Revised By	Remark
		2016/10/01	upgrade rate current to 250A		



E9_ABC(T), E9_123(S) available in all rating, 25 ~ 300A
E94~E99(R) max. to 150A, E9_DEF available in all rating 25~300A
Wire size for >90-120A #2(32mm), >120-150A #0(50mm), >150-200A #00(62mm), >200-300A #000(85mm)

Rate current: 25-300A Rate voltage: 14-48Vdc	<table><tr><th colspan="3">Endurance, T3</th><th>interrupt</th></tr><tr><td>48Vdc</td><td>≤100A 4X</td><td>>100</td><td rowspan="4">3.5KA-48Vdc</td></tr><tr><td></td><td>≤150A 2X</td><td>>100</td></tr><tr><td>24Vdc</td><td>≤200A 4X</td><td>>300</td></tr><tr><td>14Vdc</td><td>≤250A 2X</td><td>>200</td></tr><tr><td></td><td>≤150A 4X</td><td>>6,000</td><td>5KA-18Vdc</td></tr><tr><td colspan="4">72Vdc, 96Vdc, consult to factory</td></tr></table>	Endurance, T3			interrupt	48Vdc	≤100A 4X	>100	3.5KA-48Vdc		≤150A 2X	>100	24Vdc	≤200A 4X	>300	14Vdc	≤250A 2X	>200		≤150A 4X	>6,000	5KA-18Vdc	72Vdc, 96Vdc, consult to factory				 available E9cap flange mount gasket for thru-wall applications								
Endurance, T3			interrupt																																
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T3, manual reset @ 48Vdc ≤150A @ 24Vdc ≤200A @ 14Vdc ≤300A																																			
T1, auto reset @ 32Vdc, ≤100A @ 24Vdc, ≤175A @ 14Vdc ≤300A	<table><tr><th colspan="3">Endurance, T1</th><th>interrupt</th></tr><tr><td>32Vdc</td><td>≤100A 4X</td><td>>30mins</td><td rowspan="2">3KA-32Vdc</td></tr><tr><td>24Vdc</td><td>≤175A 4X</td><td>>30mins</td></tr><tr><td>14Vdc</td><td>300A 4X</td><td>>30mins</td><td>2.5KA-14Vdc</td></tr></table>	Endurance, T1			interrupt	32Vdc	≤100A 4X	>30mins	3KA-32Vdc	24Vdc	≤175A 4X	>30mins	14Vdc	300A 4X	>30mins	2.5KA-14Vdc	X: Terminal Hardware code <table><tr><td>7</td><td>Stainless steel, NYlock nuts</td></tr><tr><td>8</td><td>Hex flange nut, stainless</td></tr><tr><td>9</td><td>Sems nut, tooth washer</td></tr><tr><td>0</td><td>none, without nut</td></tr></table> Y: Hardware pack <table><tr><td>6</td><td>Nuts installed, clamshell bulk.</td></tr><tr><td>7</td><td>Nuts installed, box each pack</td></tr><tr><td>8</td><td>Nuts bulk, barriers pack</td></tr><tr><td>9</td><td>Nuts installed, barriers pack / blister tray</td></tr><tr><td>0</td><td>none, without nut</td></tr></table>	7	Stainless steel, NYlock nuts	8	Hex flange nut, stainless	9	Sems nut, tooth washer	0	none, without nut	6	Nuts installed, clamshell bulk.	7	Nuts installed, box each pack	8	Nuts bulk, barriers pack	9	Nuts installed, barriers pack / blister tray	0	none, without nut
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0	none, without nut																																		

- * Housing is thermal plastic UL rated 94V0.
- * Splash and dust proof at IP67 grade. Illumination type at IP66.
- * Operating temperature: -32C° to 82C° (-25F° to 180F°)
- * Storage temperature: -34C° to 149C° (-30F° to 300F°)
- * Stud size: 3/8"-16, 5/16"-18 and 1/4"-28 threads per inch.
- * Torque rating: 1/4"@100in-lb(11.3Nm), 3/8" 5/16"@150in-lb(17Nm)
- * Type 1 - automatic reset, Type 3 - manual reset (with switchable)
- * Surface mount, protective stud insulators included.
- * Rivet by cooper with nickel plated, Stud by stainless.
- * Meet SAE J1428, J1625, J553($\leq 200A$), J1171, UL1500 (Ignition protected)



0<6 ±0.2	50<120 ±0.5	Material	Parts no	E9-TYPE
6<18 ±0.3	120<250±0.6		Drawing by	宋铁强
18<50 ±0.4	250<400 ±0.7	Date	Check by	LYG
tolerance unless otherwise specified		Issue	Approve by	Jerry
			Drawing no	E9
			Model code	E9