

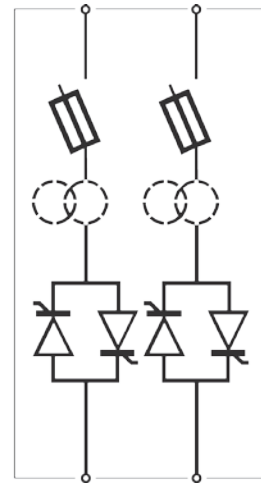
# Custom 2PH from 1100A to 2700A



SIZE S32 - from 1100A to 1400A



SIZE S35 - from 1700A to 2700A



## Technical Specification

- **Two phase thyristor:** Unit from 1100 to 2700A
- **Suitable to drive:** 3 phase loads at 480-600-690V with 2 phase controlled
- **Dimensions:** see proposal for details
- **Load type:** Normal resistance, infrared long and medium
- **Frontal key pad setting:** Alarm indication and configuration
- **Protection:** Inside semiconductor fuses
- **Inputs:** SSR Standard, 0:10V, 4:20mA selectable
- **Firing mode:** Zero Crossing and Burst Firing available with analog input and configurable from 1 to 255 cycles ON at 50% power demand
- **Removable phase:** By front unit without fork lift help
- **Stall protection alarm:** For faulty fan
- **Second thermal switch:** For high heat sink temperature with free voltage contact output standard

- **Fuse failure microswitch:** Free voltage contact output standard
- **Structure:** Alluminium and copper structure treated against oxidation
- **Diagnostic and wiring diagram:** Easy to use on front unit
- **Operating temperature:** 0° to 40°C without derating
- **IPO protection:** Standard
- **IP20 protection:** Option
- **Comply with CE-EMC**
- **Data sheet:** More details on "Custom 2PH from 1100 to 2700A" bulletin

## Option

- Measurement package including:**
- **Heather break alarm:** Diagnostic partial or total load failure
  - **Digital read out:** Current, voltage and power

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
<b>ORDERING CODE</b>	<b>C</b>	<b>2</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
<b>CURRENT</b>			<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>																
description			code			note																
1100A			1	1	0	0																
1400A			1	4	0	0																
1700A			1	7	0	0																
1900A			1	9	0	0																
2100A			2	1	0	0																
2700A			2	7	0	0																
<b>MAX VOLTAGE</b>							<b>7</b>															
description							code									note						
480V							4															
600V							6															
690V							7															
<b>VOLTAGE AUX. SUPPLY</b>								<b>8</b>														
description								code								note						
110V								0														
230V								2														
<b>INPUT</b>									<b>9</b>													
description									code							note						
SSR									S													
0:10V dc									V													
4:20 mA									A													
Potentiometer									K													
<b>FIRING</b>										<b>10</b>												
description										code						note						
Zero Crossing with SSR input										Z												
Burst firing configurable from 1 to 255 at 50% power demand										B						1						
<b>CONTROL MODE</b>																<b>11</b>						
description																code	Note					
Open Loop																O						
Voltage feed back																U						
Power feed back																W						
Current feed back																I						
<b>OPTION</b>																	<b>12</b>					
description																	code	Note				
None																	O					
Measurement package including heater break alarm and current, voltage and power read out																	H					
<b>FAN VOLTAGE</b>																		<b>13</b>				
description																		code	Note			
110V																		1				
220V																		2				
<b>APPROVALS</b>																			<b>14</b>			
description																			code	Note		
CE-EMC + IP0 protection standard																			0			
CE-EMC + IP20 one protection for each phase																			1			
CE-EMC + protection with flat plexiglass mounted on pillars (on VERSION 1,2)																			2			
<b>MANUAL</b>																				<b>15</b>		
description																				code	Note	
None																				0		
Italian																				1		
English																				2		
German																				3		
French																				4		
<b>VERSION</b>																					<b>16</b>	
description																					code	Note
Version with Multidrive board. Production just as spare part																					1	2
Version with Custom board and frontal support of heat sink white																					2	2
New version in production from January 2015																					3	

**Note (1)** Burst firing is a zero crossing firing  
**Note (2)** Available just as spare unit giving serial number