

PROVIDING A TOTAL SOLUTION FOR HIGH STANDARD SAFETY CIRCUIT PROTECTION

Alpha Therm GmbH: Ihr Offizieller Vertriebskanal für SETsafe/SETfuse

Die Alpha Therm GmbH mit Sitz in Plankstadt, Deutschland, ist stolz darauf, der offizielle Vertriebskanal für SETsafe/SETfuse in Deutschland, Europa und weltweit zu sein. Unsere langjährige Partnerschaft mit SETsafe/SETfuse basiert auf einem erfolgreichen und vertrauensvollen Geschäftsmodell.

Wir repräsentieren SETsafe/SETfuse auf internationalen Messen wie der Electronica, InterSolar, ees und vielen weiteren. Von kleinen Standardsicherungen bis hin zu komplexen, kundenspezifischen Automotive-Projekten – wir haben alles erfolgreich umgesetzt. Mit unserer umfassenden Lagerhaltung in Deutschland gewährleisten wir schnelle und zuverlässige Lieferungen.

Kontaktieren Sie uns! Unser kompetentes Team berät Sie ausführlich und findet die optimale Lösung für Ihre Anforderungen. Vertrauen Sie auf Alpha Therm GmbH und SETsafe/SETfuse – Ihre Partner für innovative Sicherheitslösungen.

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Alpha Therm GmbH: Your Official Distribution Channel for SETsafe/SETfuse

Alpha Therm GmbH, based in Plankstadt, Germany, is proud to be the official distribution channel for SETsafe/SETfuse in Germany, Europe, and worldwide. Our long-standing partnership with SETsafe/SETfuse is built on a successful and trustworthy business model.

We represent SETsafe/SETfuse at international trade fairs such as Electronica, InterSolar, ees, and many more. From small standard fuses to complex, customized automotive projects, we have successfully handled it all. With our extensive warehousing in Germany, we ensure fast and reliable deliveries.

Contact us today! Our competent team will provide you with detailed advice and find the optimal solution for your requirements. Trust Alpha Therm GmbH and SETsafe/SETfuse – your partners for innovative safety solutions.

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SY Series



Description

Thermal-Link (ATCO)-Alloy Type is defined as a non-resettable protective device functioning one time only. It is widely used in electrical equipment. ATCO is mainly consist of fusible alloy, flux resin, case, sealant and lead wires. Normally, fusible alloy is jointed to the two lead wires. Under abnormal conditions, when the temp. reaches to the fusing temp. of ATCO, the fusible alloy melts and quickly retracts to the two lead wire ends with the aid of the flux resin and disconnects the circuit completely.

SETsafe | SETfuse Thermal-Link (ATCO)-Alloy Type SY series Rated Functioning Temp. from 95 °C to 145 °C, Rated Current: 10A, safety certification Includes PSE, CCC, and complies with RoHS and REACH.

Features

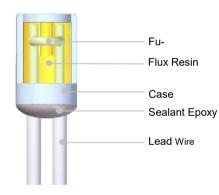
- Lead Wires Insulated
- Non-Resettable

Dimensions

- High Accuracy of Functioning Temp.
- RoHS & REACH Compliant

Structure Diagrams

Radial



Applications

- Electric Heating Appliances
- Home Electrical Appliances

Customization

- Other Temp.
- The Length of Lead Wires
- Lead Wires can Make Pluggable Terminals

Marking

Radial (Color for reference only)



Remark: The Date Code means Year and quarter: A stands for 2000, B stands for 2001 and 01 stands for the first quarter, 02 stands for the second quarter, and so on.

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SY Series

Specifications

(<i>T</i> _f) °C		Model	Fusing Temp.	7 _h (°C)	7 _m	ار (A)	U _r	کت ccc	PSE	RoHS REACH
Temp.	145	SY145	140 ± 2	115	180	10	AC 250	•	•	•
	130	SY130	125 ± 2	100	180	10	AC 250	•	•	•
Functioning	125	SY125	121 ± 2	95	180	10	AC 250	•	•	•
ncti	120	SY120	115 ± 2	90	180	10	AC 250	•	•	•
	115	SY115	111 ± 2	85	180	10	AC 250	•	•	•
Rated	105	SY105	100 ± 2	72	180	10	AC 250	•	•	•
Ř	95	SY95	91 ± 2	60	180	10	AC 250	•	0	•

Note:

1: "●"Means certificated, "○"Means non-certificated.

2: RoHS & REACH Compliant .



SET safe SET fuse

Agency Information

Agency Symbol	Standards	The File No. and certification No. obtained by SETsafe SETfuse
PS E	J60691	JET2121-32001-2029、JET2121-32001-2030 JET2121-32001-2031
	GB 9816.1	2020980205000181

Soldering

Hand-Soldering

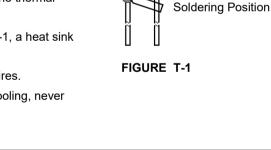
- 1. Soldering should be carried out according to Table T-1.
- 2. The thermal element of ATCO is fusible alloy with low melting point, which is jointed with ATCO lead wires. Improper soldering operation (too high soldering temp., too long soldering time, too short lead wire etc.) may transfer more heat to the thermal element and ATCO may open in advance.
- 3. When soldering conditions are more severe than those listed in Table T-1, a heat sink fixture should be used between soldering point and ATCO body.
- 4. When soldering, please do not pull / push or twist ATCO body or lead wires.
- 5. After soldering, let it naturally cool for longer than 20 seconds. During cooling, never move the ATCO body or lead wires.

TABLE T-1 Hand-Soldering Time

Rated Functioning Temp.		Max. Allov	vable Sol	dering Tir	ne for Differei	nt Lead V	Vire Lengt	h (Fig.T-1)		Max. Soldering Temp.
(<i>T</i> _f)	Ls	Time)	L _s	Time)	L _s	Tim	P -	
	Length -	Tinned Copper Wire Wire		- Length	Tinned Copper Wire	CP Wire	Length	Tinned Copper Wire	CP Wire	-
(°C)	(mm)	(s)	(s)	(mm)	(s)	(s)	(mm)	(s)	(s)	(°C)
95 to 101	10	1 ^a	4	20	2	5	30	3	6	
102 to 115	10	1 ^a	4	20	2	5	30	3	6	400
116 to 135	10	1 ^a	4	20	3	6	30	5	8	400
136 to 145	10	3	6	20	5	8	30	5	8	1

Note:

a: Auxiliary Heat Sink Fixture is Required to Avoid ATCO Cutting off Unexpectedly.



ATCO Body

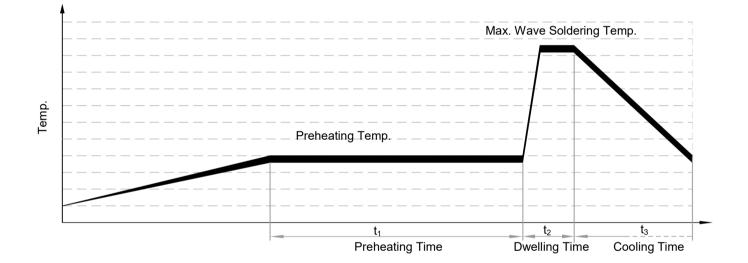
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Wave Soldering

The wave soldering parameters as Table T-2, for reference only, when ATCO is for practice use, you need to do some validation experiments. For example, using X-RAY to see the fusible alloy of ATCO whether damage after wave soldering.

TABLE T-2 Wave Soldering Parameters Setting

Rated Functioning Temp.	Whe	-		ng Temp. re is Different	Preheating Time (t ₁)	Max. Wave Soldering	Dwelling Time (t ₂)	Cooling Time (t ₃)	
(<i>T</i> _f)	L _s Length			•		Temp.			
(°C)			(mm)	(°C)	(s)	(°C)	(s)	(s)	
95 to 130				Recommend	I Hand-Soldering	J			
131 to 145	20	80	30	90	< 60	≤ 260	≤ 3	≤ 10	

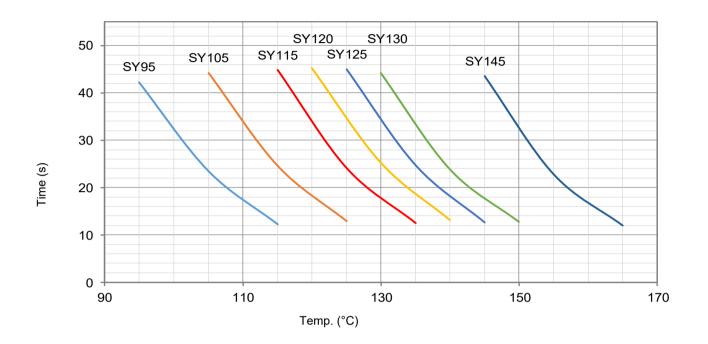


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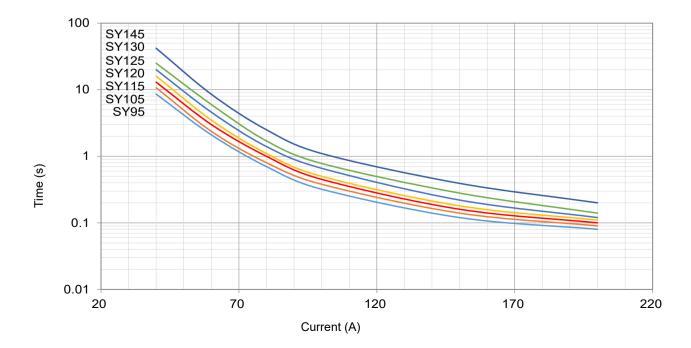
Product Temp.-Time Curve (Reference)

The Temp.-Time Curve of Thermal-Link in different temp. oil bath.



Product Current-Time Curve (Reference)

The Current-Time Curve shows functioning time at multi-times rated current at room temperature 25 ± 2 °C.





SY Series

Packaging Information

Bulk

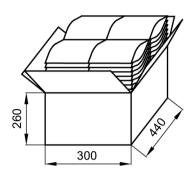
Item	PE Bag	Carton
Dimensions (mm)	190 × 180	440 × 300 × 260
Quantity (PCS)	50	3000
Gross Weight (kg)		14.0 ± 10%



50 PCS

ુંજુ 180

60 Bags



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Part Numbering System ATCO - SY115 - M T W A B - 001 **Other Options** Packing В Bulk Т Taping Leads Forming Straight Lead A В Single Lead Bending С Leads Bending D Leads Kinking Е Leads Bending and Kinking Color of Insulation Tube W White Y Yellow R Red Κ Black Ν None **Insulation Tube Material** Т Teflon S Silicone Ν None Lead Wire Type Μ Multi stranded tinned copper wire Rated Functioning Temp. 115 °C, See Specifications 115 Series Series SY See Specifications **Product Category**

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ATCO Alloy Thermal-Link



SY <u>Series</u>

Glossary

Item	Description
тсо	Thermal-Link A non-resettable device incorporating a THERMAL ELEMENT which will open a circuit once only when exposed for a sufficient length of time to a temperature in excess of that for which it has been designed. — (GB 9816.1)
АТСО	Alloy Thermal-Link Alloy Type Thermal-Link, Alloy is the thermal element. — (GB 9816.1)
Tr	Rated Functioning Temp. The temperature of the Alloy Thermal-Link which causes it to change the state of conductivity with a detection current up to 10 mA as the only load.
	— (GB 9816.1) Tolerance: $T_{\rm f}$ °C (GB 9816.1, EN 60691, K60691). Tolerance: $T_{\rm f} \pm 7$ °C (J60691).
Fusing Temp.	Fusing Temp. The temperature of the Alloy Thermal-Link which causes it to change its state of conductivity is measured with silicone oil bath in which the temperature is increased at the rate of 0.5 °C to 1 °C / minute, with a detection current up to 10 mA as the only load. — (GB 9816.1)
T _h	Holding Temp. The Maximum temperature at which a Alloy Thermal-Link will not change its state of conductivity when conducting rated current for 168 hours. — (GB 9816.1)
T _m	Maximum Temp. Limit The temperature of the Alloy Thermal-Link stated by the manufacturer, up to which the mechanical and electrical properties of the Alloy Thermal-Link having changed its state of conductivity, will not be impaired for a given time. — (GB 9816.1)
I _r	Rated Current The current used to classify a Alloy Thermal-Link, which is the Maximum current that Alloy Thermal-Link allows to carry and is able to cut off the circuit safely. — (GB 9816.1)
U,	Rated Voltage The voltage used to classify a Alloy Thermal-Link, which is the Maximum voltage that Alloy Thermal-Link allows to carry and is able to cut off the circuit safely. — (GB 9816.1)
In .	Nominal Discharge Current Being able to withstand 15 peak currents of waveform 8/20 µs to test the product's durability of withstanding pulse current.
I _{max}	— (UL 1449) Max. Discharge Current Being able to withstand 1 peak current of waveform 8/20 µs to test max. pulse current that the product can withstand. — (UL 1449)

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SY Series



ATTENTION

Usage

- 1. When atmosphere pressure is from 80 kPa to 106 kPa, the related altitude shall be from 2000 meters to 500 meters.
- 2. Operating voltage less than rated voltage of ATCO, operating current less than rated current of ATCO.
- 3. Do not touch the ATCO body or lead wires directly when power is on, to avoid burn or electric shock.

Replace

ATCO is a non-repairable product. For safety sake, it shall be replaced by an equivalent ATCO from the same manufacturer, and mounted in the same way.

Storage

Do not store the ATCO at the high temp., high humidity or corrosive gas environment, avoid influencing the solder-ability of the lead wires, the product shall be used up within 1 year after receiving the goods.

Installation

Make Sure the Temp. of Installation Position.

- 1. It is recommended that a dummy ATCO with inbuilt thermo-couple shall be used to determine the proper temp.
- 2. The terminal product should be tested to ensure that potential abnormal conditions do not cause ambient temp. to exceed the T_m of the ATCO.
- 3. Mount the ATCO at the location where temp. rises evenly.

Installation position of mechanical performance requirements.

- 1. Do not locate the ATCO in a place where severe vibration always occurs.
- 2. Ensure that the lead wire is long enough, and avoid actions such as press, tensile or twist.
- 3. The seal or body of ATCO must not be damaged, burned or over heated.



SY Series

Mechanical Connection

Riveting

- 1. Choose small resistivity riveting material and be riveted.
- 2. A flexible lead or lead with low resistance should be used to rivet the ATCO.
- 3. Contact resistance should be minimal, large contact resistance will lead to higher temp., ATCO Functioning in advance.

Crimping

- 1. Choose small resistivity crimping material and be crimped.
- 2. A flexible lead or lead with low resistance should be used to rivet the ATCO.
- 3. Contact resistance should be minimal, large contact resistance will lead to higher Temp., ATCO Functioning in advance.

Lead Wire Forming

- 1. If lead wire has to be bent, please pay attention to the distance between body and bending point. Refer to Table T-3.
- 2. When bending leads, please use pincher or similar tools to fix the product as shown in Fig.T-2, to avoid damaging the product.
- 3. During forming and mounting, lead wire should not be cut, nicked, bent sharply, to avoid breaking the product.
- 4. Tangential forces on the leads must be avoided (i.e. pushing or pulling on the leads at angle to ATCO body) as such forces may damage the seal of ATCO.

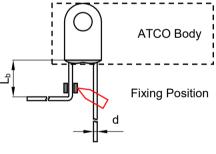


FIGURE T-2

TABLE T-3 Distance between Body and Bending Point

	d	(mm)	< 1.0	1.0 - 1.2	> 1.2
Circular lead	L _b	(mm)	≥ 3	≥5	≥ 10

XG31 SK2 XG32 SK2	 SKL23 SK221 SK205 	0 SE230	O TK221	
XG32 SK		0	TK221	
	SK205 0		111221	
0 0		0	TK205	
	SKL20	SE200	0	
0 0	0 0	0	0	
XG16 SK	SK160 0	0	TK160	
XG7 SK	SK150 O	SE150	TK150	
XG6 SK	SK145 0	SE145	TK145	
0 0	0 0	0	0	
XG9	0 0	0	0	
XG5 SK	SK135 O	SE135	TK135	Model
XG8	0 0	0	0	d
XG4 SK	SK130 O	0	TK130	<u>•</u>
XG3 SK	SK125 O	SE125	TK125	
			0	
	0 0	0	0	
XG0 C	0 0	0		\mapsto
3 1	10 10	10	15 16	
;	NG16 S XG7 S XG6 S NG9 S XG3 S XG4 S XG4 S XG3 S NG1 S XG18 S XG18 S XG10 S XG10 S XG10 S XG10 S XG10 S	O SKL20 O O XG16 SK160 O XG7 SK150 O XG6 SK145 O XG9 O O XG3 SK135 O XG4 SK130 O XG3 SK125 O XG4 SK130 O XG4 SK135 O XG3 SK125 O XG4 SK130 O XG3 SK125 O XG1 SK102 O XG1 SK102 O XG3 O O XG1 SK102 O XG2 SK102 O XG3 O O XG3 O O XG4 SK102 O XG3 I O	O SKL200 SE200 O O O XG10 SK160 O O XG7 SK150 O SE150 XG6 SK1450 O SE150 XG6 SK1450 O O XG9 O O O XG4 SK130 O SE135 XG8 O O O XG4 SK130 O O XG5 SK135 O O XG4 SK130 O O XG5 SK135 O O XG5 SK130 O O XG4 SK130 O O XG5 SK115 O O XG6 O O O XG5 SK102 O O XG6 O O O XG6 SK102 O O XG7 SK102 O	O SKL200 SE200 O O O O O O XG16 SK160 O SE150 TK160 XG7 SK150 O SE150 TK150 XG6 SK145 O SE150 TK150 XG6 SK145 O SE145 TK145 O O O O O XG8 SK135 O SE135 TK135 XG8 SK130 O O O XG4 SK130 O SE125 TK130 XG3 SK125 O SE125 TK130 XG4 SK130 O O O Y O O O O O XG4 SK132 O SE125 TK125 Y O O O O O XG1 SK102 O SE102 TK102 XG3 I0

Radial Shape

Thermal-Link (ATCO)-Alloy Type Feature & Model List Overview

Axial Shape

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Thermal-Link (ATCO)-Alloy Type

SET safe SET fuse **SY Series**

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Radial Shape (Screw Hole)

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	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
~	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ပ္	160	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
- L	150	0	0	KM7	XM7	Y7	YM7	SM150	TM150	0	KM7	XM7	0	0	HU7	HR7	0	0	HC7	0	HL7	HW7	
0	145	SY145	TY145	0	0	0	0	0	0	0	0	0	0	0	HU6	HR6	HS145	HP145	HC6	HN145	HL6	HW6	
du	139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ter	136	0	0	0	0	Y9	YM9	SM136	TM136	Q136	0	0	P136	Q136	0	0	HS136	HP136	0	HN136	0	0	
່ວ	135	0	0	KM5	XM5	0	0	0	0	0	KM5	XM5	0	0	HU5	HR5	0	0	HC5	0	HL5	HW5	Model
in	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	bd
<u>io</u>	130	SY130	TY130	KM4	XM4	Y4	YM4	0	0	0	KM4	XM4	0	0	HU4	HR4	0	0		0	HL4	HW4	0
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	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	120		TY120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
tec	115		TY115	0	0	0	0	SM115		Q115	0	0	P115	Q115	HU2	HR2	0	0	HC2	0	HL2	HW2	
Ra	105		TY105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	102	0	0	0	0	0	0			0	0	0	P102	Q102	HU1	HR1	0	0	HC1	0	HL1	HW1	
	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	95	SY95	TY95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	86 76		0	0	0	0	0	0	0	0	0	0	0	0	HU18	HR18	0	0	HC18	0	HL18	HW18	
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Thermal-Link (ATCO)-Alloy Type Feature & Model List Overview

SET safe SET fuse

Thermal-Link (ATCO)-Alloy Type

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| 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
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 | M13 | 0 | 0 | 0 | CR13
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| 136 | V9 | H9 | B9 | | C9 | 0 | 0 | 0 | 0 | 0
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1 | 200 87 887 60 887 60 500 45 330 333 333 30 225 23 230 115 1055 97 997 995 86 76 97 9 986 9 97 9 98 9 97 9 98 9 97 9 98 9 97 9 98 9 97 9 98 9 97 9 98 9 99 9 97 9 98 9 97 9 98 9 97 9 98 9 97 9 91 9 92 9 93 9 94 9 95 9 95 9 97 9 97 9 97 9 97 9 97 9 | 1 ○ 205 ○ 205 ○ 206 ○ 87 ○ 60 ○ 50 ○ 50 ○ 60 ○ 50 ○ 50 ○ 60 ○ 50 ○ 50 ○ 60 ○ 50 ○ 133 ○ 333 ○ 333 ○ 333 ○ 333 ○ 333 ○ 333 ○ 333 ○ 333 ○ 333 ○ 334 ○ 335 ○ 336 ○ 337 ○ 338 ○ 339 ○ 330 ○ 331 ○ 332 ○ 333 ○ 34 ○ 35 ○ 36 ○ 37 ○ 386 ○ 397 ○ 397 ○ 397 ○ | 221 ○ ○ 205 ○ ○ 206 ○ ○ 207 ○ ○ 87 ○ ○ 60 ○ ○ 50 ✓ √7 145 ✓ √6 139 ✓ √13 136 ✓ ∨9 135 ✓ √5 133 ✓ √8 133 ✓ √8 133 ✓ √8 105 ✓ √3 105 ✓ ○ 105 ✓ ○ 105 ✓ ○ 11 2 11 2 11 2 | 221 0 0 0 205 0 0 0 200 0 0 0 87 0 0 0 60 0 0 0 60 0 0 0 60 0 0 0 60 0 0 0 60 0 0 0 60 0 0 0 60 0 0 0 745 V6 H6 B6 739 V13 H13 B13 736 V5 H5 B5 733 V8 H8 B8 30 V4 H4 B4 723 0 0 0 720 V2 H2 B2 705 0 0 0 702 V21 H21 B21 95 0 0 0 71 2 3 50 | 221 0 0 0 0 205 0 0 0 0 205 0 0 0 0 200 0 0 0 0 200 0 0 0 0 200 0 0 0 0 200 0 0 0 0 201 0 0 0 0 200 0 0 0 0 200 0 0 0 0 201 V7 H7 B7 0 200 V7 H7 B7 0 201 V13 H13 B13 0 303 V8 H8 B8 0 203 V3 0 0 0 204 V2 H2 B2 0 205 V1 H1 B1 C1 97 V21 H21 B21 C21 95 0 0 0 0 | 1 0 0 0 0 0 205 0 0 0 0 0 0 200 0 0 0 0 0 0 0 87 0 0 0 0 0 0 0 887 0 0 0 0 0 0 0 160 0 0 0 0 0 0 0 150 V7 H7 B7 0 C7 145 V6 H6 B6 0 C6 139 V13 H13 B13 0 C13 136 V9 H9 B9 0 C9 33 V8 H8 B8 0 C8 30 V4 H4 B4 0 C4 125 V3 B3 0 C2 0 20 0 0 0 0 0 0 102 V1 H1 B1 C1 0 | 1 0 | 221 0 0 0 0 0 1 H31 205 0 0 0 0 0 0 132 200 0 0 0 0 0 0 0 0 87 0 0 0 0 0 0 0 0 887 0 0 0 0 0 0 0 0 0 60 0 0 0 0 0 0 0 0 60 0 0 0 0 0 0 0 0 60 V7 H7 B7 0 C7 0 0 6139 V5 H5 B5 0 C13 0 0 333 V8 H8 B8 0 C4 0 0 330 V4 H4 B4 0 C3 0 0 20 V2 H2 B2 0 C2 0 0 10 | 221 0 0 0 0 0 V31 H31 0 205 0 0 0 0 0 0 V32 H32 0 200 0 0 0 0 0 0 0 0 0 0 200 0 0 0 0 0 0 0 0 0 200 0 0 0 0 0 0 0 0 0 200 0 0 0 0 0 0 0 0 0 0 80 0 0 0 0 0 0 0 0 0 30 V13 H13 B13 0 C13 0 0 0 0 335 V5 H5 B5 0 C5 0 0 0 0 336 V3 H8 B8 0 C4 0 0 0 337 V2 H2 B2 0 | 1 0 0 0 0 V31 H31 0 B31 1005 0 0 0 0 0 V32 H32 0 B32 1005 0 0 0 0 0 0 V32 H32 0 B32 1005 0 0 0 0 0 0 0 0 0 0 1005 0 0 0 0 0 0 0 0 0 0 1005 0 0 0 0 0 0 0 0 0 0 11 13 B13 0 C13 0 0 0 0 13 H13 B13 0 C13 0 0 0 0 13 V13 H13 B13 0 C13 0 0 0 0 13 V3 H3 B13 0 C3 0 0 0 0 0 0 0 0 <t< th=""><th>1 0 0 0 0 0 V31 H31 0 B31 0 105 0 0 0 0 0 0 103 103 103 103 106 0 0 0 0 0 0 0 0 0 0 0 0 107 0 0 0 0 0 0 0 0 0 0 107 0 0 0 0 0 0 0 0 0 0 107 0 0 0 0 0 0 0 0 0 0 108 11 13 13 13 0 C13 0 0 0 0 108 11 13 13 0 C13 0 0 0 0 0 133 143 15 15 0 0 0 0 0 0 133 143 13 13 13 0 C13 0 0 0 0 133 14 14 14 14 14 14 16 1 1 <th1< th=""><th>1 0 0 0 0 0 V31 H31 0 B31 0 0 00 0 0 0 V32 H32 0 B32 0 0 00 0 0 0 0 0 0 0 0 0 0 0 87 0 0 0 0 0 0 0 0 0 0 0 60 0 0 0 0 0 0 0 0 0 0 60 0 0 0 0 0 0 0 0 0 0 60 0 0 0 0 0 0 0 0 0 50 V7 H7 B7 0 C7 0 0 0 0 0 0 50 V7 H7 B7 0 C7 0 0 0 0 0 0 33 V4 H8 B6 0 C5 0 0 0 0 0 0 33 V4 H4 B4 0 C4 0 0 0 <</th><th>1 0 0 0 0 V31 H31 0 B31 0 0 0 105 0 0 0 0 0 V32 H32 0 B31 0 0 0 100 0<th>1 0 0 0 0 0 131 131 0 B31 0 0 0 031 C31 105 0 0 0 0 0 0 132 132 0 B32 0 0 0 0 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0 0 < | 1 0 0 0 0 V31 H31 0 B31 0 0 0 105 0 0 0 0 0 V32 H32 0 B31 0 0 0 100 0 <th>1 0 0 0 0 0 131 131 0 B31 0 0 0 031 C31 105 0 0 0 0 0 0 132 132 0 B32 0 0 0 0 032 100 0 <</th> <th>1 0</th> <th>1 0 0 0 0 0 V31 H31 0 B31 0 0 0 C31 0 0 0 000 0<th>1 0 0 0 0 0 0 1 H31 0 B31 0 0 0 C31 0 0 0 000 0 0 0 0 0 0 0 0 0 0 0 0 000 0</th><th>1 0 0 0 0 0 1 H31 0 B31 0 0 0 C31 0 0 0 0 105 0 0 0 0 0 132 H32 0 B32 0 0 0 C31 0 0 0 0 106 0 <th0< th=""><th>1 0 0 0 0 V3 H31 0 B31 0 0 C31 0 <</th><th>1 0 0 0 0 V31 H31 0 B31 0 0 0 C31 0 <</th><th>21 0 0 0 0 10 10 10 <th0< th=""><th>22100<th< th=""></th<></th></th0<></th></th0<></th></th> | 1 0 0 0 0 0 131 131 0 B31 0 0 0 031 C31 105 0 0 0 0 0 0 132 132 0 B32 0 0 0 0 032 100 0 < | 1 0 | 1 0 0 0 0 0 V31 H31 0 B31 0 0 0 C31 0 0 0 000 0 <th>1 0 0 0 0 0 0 1 H31 0 B31 0 0 0 C31 0 0 0 000 0 0 0 0 0 0 0 0 0 0 0 0 000 0</th> <th>1 0 0 0 0 0 1 H31 0 B31 0 0 0 C31 0 0 0 0 105 0 0 0 0 0 132 H32 0 B32 0 0 0 C31 0 0 0 0 106 0 <th0< th=""><th>1 0 0 0 0 V3 H31 0 B31 0 0 C31 0 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Thermal-Link (ATCO)-Alloy Type Feature & Model List Overview

SET safe **SET** fuse SY Series

Thermal-Link (ATCO)-Alloy Type

																		/	
	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
~	187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rated Functioning Temp. (<i>T</i> ,) °C	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<u>ت</u>	150	0	0	0	0	0	0	S150	T150	0	0	SD150	TD150	PD150	QD150	HS150	HP150	HN150	
9	145	0	0	0	0	F6	X6	0	0	0	0	0	0	0	0	0	0	0	
du	139	0	0	0	0	F13	0	0	0	0	0	0	0	0	0	0	0	0	
<u>e</u>	136	0	0	0	0	0	X9	S136	T136	P136	Q136	SD136	TD136	PD136	QD136	HS136	HP136	HN136	
6	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Model
.u	133	0	0	0	0	F8	0	0	0	0	0	0	0	0	0	0	0	0	bd
uo	130	0	0	0	0	F4	0	0	0	0	0	SD130	TD130	PD130	QD130	0	0	0	e
cti	125	KG3	XG3	K3	X3	0	0	S125	T125	P125	Q125	SD125	TD125	PD125	QD125	HS125	HP125	HN125	
un	123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<u> </u>	120	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
ied	115	KG2	XG2	K2	X2	F2	0	S115	T115	P115	Q115	SD115	TD115	PD115	QD115	0	0	0	
Rat	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	102	KG1	XG1	K1	X1	F1	0	S102	T102	P102	Q102	SD102	TD102	PD102	QD102	0	0	0	
	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	86	KG18	XG18	K18	X18	F18	0	0	0	0	0	0	0	0	0	0	0	0	
	76)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\rightarrow
r (. Rated C	A) Current	2	3	2	3	3	4	10	15 16	20	25	10	15 16	20	25	5	10	15	
U _r (V Rated V				6	0			1	100		120		1:	25			200		
Prod Struc			Shape						Radial							Axial Sh			

SET safe SET fuse

SY Series

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