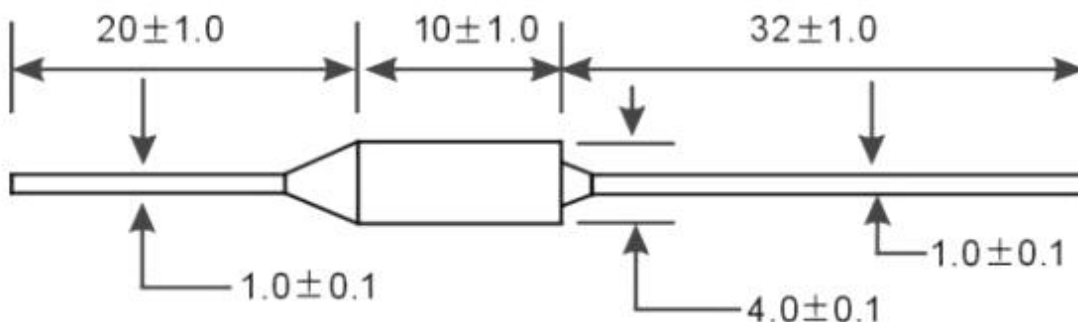


RY**B 16 A Series

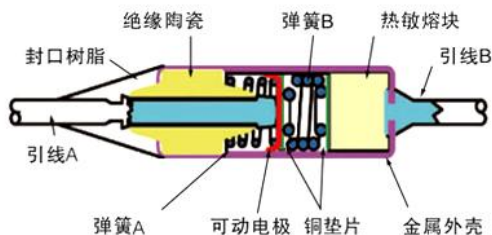


1. Product Size Chart



2. Operating Principle

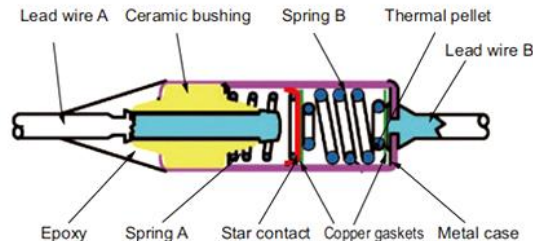
熔断前 Before the fuse



在RY型温度保险丝的金属外壳内装有可动电极、弹簧和热敏熔块。弹簧B是在被压缩的状态下装入的,其弹力可借助铜垫片顶住可动电极使之与引线A保持接触。在熔断前的状态时电流经引线A、可动电极、金属外壳和引线B导通。

There is movable electrode, spring and thermal frit installed inside the RY-type thermal fuse. The spring B is installed under compressed condition, the spring force of which can hold the coppering gasket to keep the movable electrode well connected with the lead A. In normal condition, the current leads A, the movable electrode, the metal shell and wire B is conductive with each other.

熔断后 After fusing



在环境温度超过动作温度时,经引线、金属外壳传入的热量将热敏熔块熔化成液状。这时弹簧A及弹簧B弹出伸长,弹簧A的伸弹力将可动电极推向弹簧B侧,从而切断与引线A的接触,因而切断电路。

When the ambient temperature exceeds the operating temperature, the lead the heat incoming from the lead and metal shell will melt thermal frit into liquid. At that time, the spring A and the spring B will popup and stretch, the elastic force of the spring A will push the movable electrode toward the spring B-side, so as to cut off contact with the leads A to cut off the circuit.

3. Technical Parameter List

Model NO.	Rated functioning temp(Tf)	Fusing-off temperature	Holding temperature (Th)	Maximum temp.limit(Tm)	Rated voltage (Ur)	Rated current (Ir)	Certificate				
							CCC	TUV	PSE	CB	REACH
RY72B	72°C	69±2°C	57°C	180°C	110V/250V	RY**B16A	★	★		★	★
RY73B	73°C	70±2°C	58°C	180°C			★	★	★	★	★
RY77B	77°C	74±2°C	62°C	300°C			★	★	★	★	★
RY84B	84°C	81±2°C	69°C	220°C			★	★	★	★	★
RY91B	91°C	88±2°C	76°C	300°C			★	★	★	★	★
RY92B	92°C	89±2°C	77°C	180°C			★	★	★	★	★
RY93B	93°C	90±2°C	78°C	300°C			★	★	★	★	★
RY94B	94°C	91±2°C	79°C	180°C			★	★	★	★	★
RY98B	98°C	95±2°C	83°C	300°C			★	★	★	★	★
RY99B	99°C	96±2°C	84°C	180°C			★	★	★	★	★
RY104B	104°C	101±2°C	89°C	180°C			★	★	★	★	★
RY110B	110°C	107±2°C	95°C	240°C			★	★	★	★	★
RY112B	112°C	109±2°C	97°C	200°C			★	★	★	★	★
RY113B	113°C	109±2°C	98°C	200°C			★	★	★	★	★
RY115B	115°C	112±2°C	100°C	200°C			★	★	★	★	★
RY117B	117°C	114±2°C	102°C	240°C			★	★	★	★	★
RY121B	121°C	118±2°C	106°C	300°C			★	★	★	★	★
RY128B	128°C	125±2°C	113°C	250°C				★	★		★
RY130B	130°C	127±2°C	115°C	250°C			★	★	★	★	★
RY133B	133°C	130±2°C	118°C	250°C			★	★	★	★	★
RY139B	139°C	136±2°C	124°C	250°C			★	★	★	★	★
RY141B	141°C	138±2°C	126°C	250°C			★	★	★	★	★
RY142B	142°C	140±2°C	127°C	250°C			★	★	★	★	★
RY144B	144°C	142±2°C	129°C	300°C			★	★	★	★	★
RY150B	150°C	149±2°C	135°C	280°C			★	★	★	★	★
RY152B	152°C	147±2°C	137°C	280°C				★	★		★
RY157B	157°C	154±2°C	142°C	280°C			★	★	★	★	★
RY167B	167°C	164±2°C	152°C	280°C			★	★	★		★
RY169B	169°C	166±2°C	154°C	280°C			★	★	★	★	★
RY172B	172°C	169±2°C	157°C	310°C			★	★	★	★	★
RY184B	184°C	182±2°C	169°C	280°C				★	★		★
RY185B	185°C	182±2°C	170°C	280°C			★	★	★	★	★
RY192B	192°C	189±2°C	177°C	280°C			★	★	★	★	★

RY216B	216°C	213±2°C	200°C	450°C			★	★	★	★	★
RY227B	227°C	224±2°C	200°C	450°C			★	★	★	★	★
RY228B	228°C	225±2°C	200°C	450°C			★	★	★	★	★
RY229B	229°C	226±2°C	200°C	450°C			★	★	★	★	★
RY230B	230°C	227±2°C	200°C	450°C			★	★	★	★	★
RY240B	240°C	237±2°C	200°C	450°C			★	★	★	★	★
RY250B	250°C	247±2°C	215°C	450°C			★	★		★	★
RY257B	257°C	255±2°C	217°C	470°C			★	★		★	★
RY260B	260°C	257±2°C	220°C	450°C			★	★		★	★