


Instrument Data Sheet

General	1	Product	Safety Stop Switch / Pull Cord Switch with Cable Break Detection (Explosion Proof)
	2	Model Number	RSB-2X, RSB-2XL
	3	Manufacturer	Conveyor Components Company
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Environment	5	Certified Ambient Temperature	-25 to 40 °C [-13 to 104 °F]
	6	Functional Ambient Temperature	-50 to 40 °C [-58 to 104 °F] (increased actuation force may be required below -30 °C [-22 °F])
	7	Enclosure Material	319 cast aluminum
	8	Enclosure Rating	NEMA Type 7: Class I (Div. 1 & 2), Groups C & D; Type 9: Class II (Div. 1 & 2), Groups E, F & G
	9	Mounting	3 holes at $\varnothing^{13/32}$ " [10 mm] (Vertical surface mounting standard, bracket available for horizontal surfaces)
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Switch	11	Switch Type	SPDT x 2
	12	Contact Type	Dry contact
	13	Contact Rating	20A @ 125V, 250V or 480V AC; 1 hp @ 125V AC; 2 hp @ 250V AC; ½ A @ 125V DC; ¼ A @ 250V DC
	14	Electrical Action	Latching (via actuator)
	15	Electrical Connection	¾" NPT x 3
	16	Indicating Lamp	RSB-2XL: See datasheet DATA-0149 for explosion proof lamp
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Actuator	20	Type	Pull cord switch
	21	Cable Length	Maximum 100' [30.5 m] on each side of the unit (maximum 200' [61 m] total)
	22	Cable Material	$\varnothing^{3/32}$ " [2 mm] 7x7 galvanized aircraft cable: orange vinyl or nylon coated to $\varnothing^{3/16}$ " [5 mm] OD
	23	Mechanism	Lever with rotating cam
	24	Non-activated Position	Vertical
	25	Activated Position	30° from vertical (bi-directional)
	26	Range of Travel	60° total
	27	Action	Latching (To reset, push lever inward and rotate to vertical)
	28	Actuation Force	Field adjustable
	29	Cable Break Detection	RSB-20 spring balance kit included
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Options	31	Finish	Uncoated (standard) or epoxy coating (option E)
Accessories	32	Safety Cable	Orange vinyl (RS-25) or nylon (RS-26) coated cable available
	33	Cable Support Eye Bolt	RS-27: 1" eye X 6" [150 mm] long, two nuts and lockwasher included
	34	Cable End Fitting	RS-28
	35	Conduit Plug	RS 29: ¾" metal conduit plug; square head
	36	Mounting Bracket	RS-30 available for horizontal surface mount
Certifications	37	UL Certification File	NOIV.E71075
	38	CSA Certification File	71204
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Manufacturer	40		Conveyor Components Company Division of Material Control, Inc. 130 Seltzer Road, PO Box 167 Croswell, MI 48422 USA (810) 679-4211 info@conveyorcomponents.com www.conveyorcomponents.com
Notes: 1. Cable must be supported with eyebolts. Maximum spacing: 10' [3 m]. 2. Maximum of 100' [30.5 m] of cable may be attached to each side of the unit; 200' [61 m] total. 3. The unit must be centered such that the cabling on one side is no more than 5' [1.5 m] longer than the cable on the other side in order to function properly under all weather conditions.			