

Instrument Data Sheet

General	1	Product	Safety Stop Switch / Pull Cord Switch with Cable Break Detection (Dual Rated)
	2	Model Number	RSB-1D
	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 3, 4, 4X; 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 1
	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	None
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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	NMFT.E83971, NOIV.E71075
	38	CSA Certification File	71174, 71204
	39		
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] longer than the cable on the other side in order to function properly under all weather conditions.			