

RS 4.23T CONNECTOR-

-M12x1

RATED OPERATING DISTANCE  ### STERES IS  ### STERE	SPECIFICATIONS	
TEMPERATURE DRIFT  ≤±10%  HYSTERESIS  MIN. REPEAT ACCURACY  ○PERATING TEMPERATURE  ○UTPUT FUNCTION  RATED OPERATINONAL VOLTAGE  RIPPLE  RATED OPERATIONAL CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  VIBRATION RESISTANCE  VES  4±10%  10-55° C to +70°C (-13°F to +158°F)  2-WIRE, NORMALLY OPEN  10-55 VDC	RATED OPERATING DISTANCE	2.0 mm = .079" (NOMINAL)
HYSTERESIS  MIN. REPEAT ACCURACY  OPERATING TEMPERATURE  OUTPUT FUNCTION  RATED OPERATINONAL VOLTAGE  RIPPLE  RATED OPERATIONAL CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  VIBRATION RESISTANCE  MIN. REPEAT ACCURACY  S 2 2%  - 25°C to +70°C (−13°F to +158°F)  0 40°C (−13°F to +158°F)  1 −25°C to +70°C (−13°F to +158°F)  2 −26°C to +70°C (−13°F to +158°F)  1 −25°C to +70°C (−13°F to +158°F)  2 −26°C to +70°C (−13°F to +158°F)  1 −25°C to +70°C (−13°F to +158°F)  1 −25°C to +70°C (−13°F to +158°F)  2 −26°C to +70°C (−13°F to +158°F)  4 10°C mAA  S 10°C mAA  4 −20°C mAA  S 10°C mAA  S	MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY  OPERATING TEMPERATURE  -25°C to +70°C (-13°F to +158°F)  OUTPUT FUNCTION  RATED OPERATINONAL VOLTAGE  RIPPLE  E10%  RATED OPERATIONAL CURRENT  RATED OPERATIONAL CURRENT  ESIDUAL CURRENT  SOLO MA  RATED INSULATION VOLTAGE  SHORT-CIRCUIT PROTECTED  MAX VOLTAGE DROP  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  SHOCK RESISTANCE  VER  WIN AND AND AND AND AND AND AND AND AND AN	TEMPERATURE DRIFT	≤±10%
OPERATING TEMPERATURE  -25°C to +70°C (-13°F to +158°F)  OUTPUT FUNCTION  RATED OPERATINONAL VOLTAGE  RIPPLE  \$\leq\$10%  RATED OPERATIONAL CURRENT  \$\leq\$100 mA  RESIDUAL CURRENT  \$\leq\$0.6 mA  RATED INSULATION VOLTAGE  \$\leq\$0.5 kV  SHORT-CIRCUIT PROTECTED  MAX VOLTAGE DROP  \$\leq\$3.5 V  MAX. SWITCHING FREQUENCY  \$\leq\$1.0 kHz  HOUSING MATERIAL  \$\leq\$1.0 kHz  HOUSING MATERIAL  \$\leq\$1.0 kHz  PLASTIC, PA12-GF20  END CAP  \$\leq\$4.0, Liffy, PVC  SHOCK RESISTANCE  \$\leq\$30 g, 11 ms  VIBRATION RESISTANCE	HYSTERESIS	1-15%
OUTPUT FUNCTION  RATED OPERATINONAL VOLTAGE  RIPPLE  RATED OPERATIONAL CURRENT  RATED OPERATIONAL CURRENT  RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  SHORT—CIRCUIT PROTECTED  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PA12—GF20  PLASTIC, PP  CABLE  SHOCK RESISTANCE  VIBRATION RESISTANCE  VIBRATION RESISTANCE	MIN. REPEAT ACCURACY	≤ 2%
RATED OPERATINONAL VOLTAGE  RIPPLE  ≤10%  RATED OPERATIONAL CURRENT  RESIDUAL CURRENT  ESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  SHORT—CIRCUIT PROTECTED  YES  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PA12—GF20  PLASTIC, PP  CABLE  SHOCK RESISTANCE  VIBRATION RESISTANCE  VIBRATION RESISTANCE  10—55 VDC  MAX.  METAL  MET	OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RIPPLE ≤10%  RATED OPERATIONAL CURRENT ≤100 mA  RESIDUAL CURRENT ≤0.6 mA  RATED INSULATION VOLTAGE ≤0.5 kV  SHORT-CIRCUIT PROTECTED YES  MAX VOLTAGE DROP ≤3.5 V  MAX. SWITCHING FREQUENCY ≤1.0 kHz  HOUSING MATERIAL METAL, A4 1.4404 (AISI 316L)  ACTIVE FACE PLASTIC, PA12-GF20  END CAP PLASTIC, PP  CABLE Ø4.0, Lifry, PVC  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE (IN ALL 3 PLANES)	OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN
RATED OPERATIONAL CURRENT  RESIDUAL CURRENT  SOLO MA  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  SALO KHZ  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  SHOCK RESISTANCE  VES  MAX. SWITCHING FREQUENCY  SHOCK RESISTANCE  SOLO MAX. SWITCHING FREQUENCY  SHOCK RESISTANCE  SOLO MAX. SWITCHING FREQUENCY  SALO KHZ  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PA12—GF20  PLASTIC, PP  CABLE  SHOCK RESISTANCE  SOLO MAX. SWITCHING FREQUENCY  SHOCK RESISTANCE  SOLO MAX. SWITCHING FREQUENCY  SALO KHZ  SALO MAX. SWITCHING FREQUENCY  SA	RATED OPERATINONAL VOLTAGE	10-55 VDC
RESIDUAL CURRENT  RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  SHOCK RESISTANCE  VES  4 0.6 mA  YES  4 1.4 4 0.4 (AISI 316L)  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PA12—GF20  PLASTIC, PP  CABLE  44.0, Lifry, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  SHOCK MAX AND	RIPPLE	≤10%
RATED INSULATION VOLTAGE  SHORT—CIRCUIT PROTECTED  MAX VOLTAGE DROP  ≤ 3.5 V  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  Ø4.0, Lifry, PVC  SHOCK RESISTANCE  VES  ≤ 0.5 kV  YES  METAL, A4  1.4404 (AISI 316L)  PLASTIC, PA12—GF20  PLASTIC, PP  CABLE  Ø4.0, Lifry, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  SO 9, 11 ms  VIBRATION RESISTANCE	RATED OPERATIONAL CURRENT	≤100 mA
SHORT-CIRCUIT PROTECTED  MAX VOLTAGE DROP  ≤ 3.5 V  MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  SHOCK RESISTANCE  VIBRATION RESISTANCE  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PA12-GF20  PLASTIC, PP  CABLE  Ø4.0, Lifry, PVC  SHOCK RESISTANCE  (IN ALL 3 PLANES)	RESIDUAL CURRENT	≤0.6 mA
MAX VOLTAGE DROP  ≤ 3.5 V  MAX. SWITCHING FREQUENCY  ≤ 1.0 kHz  HOUSING MATERIAL  METAL, A4 1.4404 (AISI 316L)  ACTIVE FACE  PLASTIC, PA12-GF20  END CAP  PLASTIC, PP  CABLE  Ø4.0, Liftyy, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)	RATED INSULATION VOLTAGE	≤0.5 kV
MAX. SWITCHING FREQUENCY  HOUSING MATERIAL  ACTIVE FACE  END CAP  CABLE  CABLE  SHOCK RESISTANCE  PLASTIC, PA12—GF20  Ø4.0, Lifty, PVC  SHOCK RESISTANCE  WERATION RESISTANCE  SHOCK RESISTANCE  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PA12—GF20  Ø4.0, Lifty, PVC  SHOCK RESISTANCE  WERATION RESISTANCE  SHOCK RESISTANCE  WERATION RESISTANCE	SHORT-CIRCUIT PROTECTED	YES
HOUSING MATERIAL  ACTIVE FACE  PLASTIC, PA12-GF20  END CAP  PLASTIC, PP  CABLE  Ø4.0, Lifty, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  METAL, A4 1.4404 (AISI 316L)  PLASTIC, PP  Ø4.0, Lifty, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  S5 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)	MAX VOLTAGE DROP	≤3.5 V
ACTIVE FACE  PLASTIC, PA12-GF20  END CAP  PLASTIC, PP  CABLE  Ø4.0, Lifty, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  STATE OF THE AMPLITUDE (IN ALL 3 PLANES)	MAX. SWITCHING FREQUENCY	≤1.0 kHz
END CAP  CABLE  Ø4.0, Liftyy, PVC  SHOCK RESISTANCE  VIBRATION RESISTANCE  S5 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)	HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L)
CABLE Ø4.0, LifYY, PVC  SHOCK RESISTANCE 30 g, 11 ms  VIBRATION RESISTANCE (IN ALL 3 PLANES)	ACTIVE FACE	PLASTIC, PA12-GF20
SHOCK RESISTANCE  30 g, 11 ms  VIBRATION RESISTANCE  55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)	END CAP	PLASTIC, PP
VIBRATION RESISTANCE 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)	CABLE	ø4.0, LifYY, PVC
	SHOCK RESISTANCE	3
DEGREE OF PROTECTION IP67	VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
	DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION LED: YELLOW	SWITCHING STATUS INDICATION	LED: YELLOW

## SOURCE DRAWING - FOR REFERENCE ONLY

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