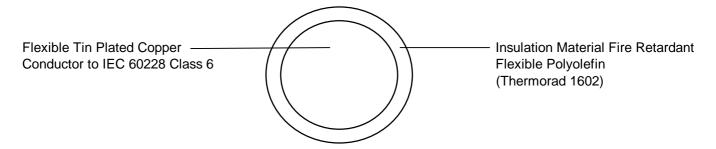


Specification Control Drawing

Page 2 is for internal use only

WIRE, ELECTRIC, RADIATION CROSSLINKED POLYOLEFIN INSULATED, TIN COATED COPPER, 600/1000 VOLT . 125°C



	Conductor				Finished Cable		
Part	Nominal	Number	Maximum	Outside	Maximum	Outside	Nominal
Description	Conductor	of	Strand	Diameter	Resistance	Diameter	Weight
	Size	Strands	Diameter	(mm)	(Ohms/km)	(mm)	(kg/km)
	(mm²)		(mm)				
TR16-1.5-*	1.5	85	0.16	1.55 ± 0.15	12.80	3.00 ± 0.20	20
TR16-2.5-*	2.5	7×20	0.16	2.40 ± 0.20	7.76	3.90 ± 0.20	32
TR16-4.0-*	4.0	7×33	0.16	2.90 ± 0.25	4.76	4.50 ± 0.25	48
TR16-6.0-*	6.0	7×27	0.21	3.60 ± 0.25	3.23	5.20 ± 0.25	69
TR16-10.0-*	10.0	19 × 17	0.21	4.55 ± 0.25	1.88	6.20 ± 0.30	111
TR16-16.0-*	16.0	19 × 27	0.21	5.50 ± 0.30	1.19	7.40 ± 0.30	173
TR16-25.0-*	25.0	37 ×21	0.21	7.30 ± 0.40	0.78	9.30 ± 0.30	261
TR16-35.0-*	35.0	37×30	0.21	8.55 ± 0.45	0.552	10.60 ± 0.30	365
TR16-50.0-*	50.0	37 × 19	0.31	10.15 ± 0.55	0.387	12.45 ± 0.35	516
TR16-70.0-*	70.0	37×27	0.31	12.00 ± 0.60	0.272	14.55 ± 0.35	728
TR16-95.0-*	95.0	37 ×36	0.31	14.05 ± 0.75	0.204	17.00 ± 0.40	971
TR16-120.0-*	120.0	37 × 46	0.31	16.30 ± 0.80	0.159	19.40 ± 0.50	1364

COLOUR CODE: The '*' in the part description shall be replaced with colour code designator in accordance

with Mil Stan 681.

PERFORMANCE To be tested to and meet the requirements of the issue in effect of Raychem Specification WCD 51/1602 where applicable and additional electrical testing as follows:

Routine Spark Test to issue in effect of BS 5099

Conductor size	Test voltage		
(mm²)	(a.c. [rms] kV)		
1.5-10	6		
16-50	7		
70-95	9		
50.0-120	10		

APPROVAL: Electronic sign off - no signatures will appear.

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