

Data sheet for module: OM-SMT (Safe Motor Temperature)

Article No. : 6SL4950-0AL00-0FA0



Figure similar

Client order no. :
Order no. :
Offer no. :
Remarks :

Item no. :
Consignment no. :
Project :

Electrical data	
Operating voltage (DC)	24.0 V (20.4 ... 28.8 V)
	from internal 24 V supply
Current demand, max.	0.15 A
Power loss	2.4 W

Inputs / outputs	
PTC interface	
Type A, according to IEC 60947-8; short-circuit detection <10 Ohm; no short-circuit >20 Ohm; overtemperature >2100 Ohm; no overtemperature <1100 Ohm; measuring current 1.5 mA; 1x PTC warning; 1x PTC shutdown (safety).	

Mechanical data	
Degree of protection	IP20 / UL open type
Net weight	81.6 g (2.88 oz)
Dimensions	
Width	65.2 mm (2.57 in)
Height	67.4 mm (2.65 in)
Depth	53.6 mm (2.11 in)

Ambient conditions	
Ambient temperature during	
Operation	-20 ... 60 °C (-4 ... 140 °F)
Transport	-40 ... 70 °C (-40 ... 158 °F)
Storage	-25 ... 55 °C (-13 ... 131 °F)

Relative humidity	
without condensation	95 %

Connections	
Signal cable	
Version	push-in connection
Conductor cross-section	0.5 ... 2.5 mm²

Certificates	
Certificate of suitability	CU, cULus (UL 61800-5-1, CSA 22.2 No. 274), EAC, RoHS II, REACH, safety according to EC 61800-5-2 and ISO 13849-1, Green Passport
Explosion protection	according to ATEX Directive 2014/34/EU