LOVAG		LOVAG DECISION SHEET (LDS)		N°[LDS204]		
				Page 1/3		
References	Standard(s) (incl. year)	IEC 60947-1: 2020		Subclauses(s): cl. 8.2.2.3 Table 3		
Refer	Subject	Accessible parts definition/identificati	on Formulated by: ACAE CT	Date: 2022-04-07		
	Table 3 gives the temperature-rise limits intended to be respected during the temperature-rise verification considering the three "locations" that need to be identified on product.					
	Table 3 – Temperature-rise limits of accessible parts (see 8.2.2.3 and 9.3.3.3.4)					
		Accessible parts		Temperature-rise limits ^a		
	Location 1	Manual operating magnet		K		
	Location 1	Manual operating means: Metallic		15		
		Non-metallic		25		
	Location 2	Location 2 Parts intended to be touched but not hand-held:				
uc		Metallic Non-metallic		30 40		
Question	Location 3	Parts which need not be touched during normal	operation:	40		
gne	Exteriors of enclosures adjacent to cable entries:					
G		Metallic		40		
	Non-metallic			50 200 ^b		
	Exterior of enclosures for resistors Air issuing from ventilation openings of enclosures for resistors		for resistors	200 ^b		
		a Different values may be prescribed by product	standards for different tes	t conditions and for devices of small		
	dimensions but not exceeding by more than 10 K the values of this table. b The equipment shall be protected against contact with combustible materials or accidental contact with					
		personnel. The limit of 200 K may be exceed provide appropriate information, in accordance	led if so stated by the m	anufacturer. The manufacturer shall		
	The definition of the 3 "accessible parts" zone is not clear and leave different interpretations. Question: -giving the "use cases" in the follow pages, which are the identification of the three location/zone?					
	See pages 2 an	d 3 with colored location				
. <u>s</u>						
Analysis						
Ans						
	The decision wa	as discussed and approved during 53°l T	C (see item 7.3) as	s document IT CT (LOVAG)		
_	The decision was discussed and approved during 53°LTC (see item 7.3) as document IT_CT (LOVAG) 20_009 LDSxxx_accessible parts.doc and extended to the last edition of IEC 60947-1:2020 without any					
Decision	technical change					
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			Approved by: 54 th	LOVA O TO 2000		
Data	2022-05-29	Issued by: ACAE TC		1 (11/ / / (= 1 (+ -)/1/2)		

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Product (MCCB) - IEC 60947-2	Location / Zone	Color/letter
	Manual operating means	a-non metallic
	Parts intended to be touched but not hand-held	b-non metallic
a b c	Parts which need not be touched during normal operation	c-non metallic
Product (MCCB) - IEC 60947-2	Location / Zone	Color/letter
	Manual operating means	a-non metallic
	Parts intended to be touched but not hand-held	b-non metallic
a b c	Parts which need not be touched during normal operation	c-non metallic
Product (ACB) - IEC 60947-2	Location / Zone	Color/letter
	Manual operating means	a-non metallic
	Parts intended to be touched but not hand-held	b-non metallic
a b c	Parts which need not be touched during normal operation	c-non metallic

Product (Switch) - IEC 60947-3	Location / Zone	Color/letter
	Manual operating means	a-non metallic
GEWIES	Parts intended to be touched but not hand-held	b-non metallic
a b c	Parts which need not be touched during normal operation	c-non metallic
Product (Switch) - IEC 60947-3	Location / Zone	Color/letter
mal mal mal	Manual operating means	a-non metallic
	Parts intended to be touched but not hand-held	b-non metallic
a b c	Parts which need not be touched during normal operation	c-non metallic
Product (MPSD) - IEC 60947-4-1	Location / Zone	Color/letter
0'0'0'	Manual operating means	a-non metallic
G-00 1-00	Parts intended to be touched but not hand-held	b-non metallic
a b c	Parts which need not be touched during normal operation	c-non metallic